THE UNIVERSITY OF NORTH CAROLINA RECORD

ANNOUNCEMENT OF THE TWENTY-NINTH SESSION OF

THE SUMMER SCHOOL FOR TEACHERS

JUNE 13 - JULY 28
1916

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RALEIGH, N. C.
1916

TABLE OF CONTENTS

PAGE

CALENDAR 5
IMPORTANT SUGGESTIONS 6
HISTORICAL NOTE 7
OFFICERS OF ADMINISTRATION 8
STAFF OF INSTRUCTION 9
GENERAL INFORMATION 22
DEPARTMENTS OF INSTRUCTION—
- Agriculture 41
- Botany 42
- Chemistry 42
- Drawing 43
- Economics 43
- Education 44
- English 49
- French 51
- Geology and Geography 53
- German 54
- Greek 56
- History 56
- Home Economics 58
- Latin 59
- Library Science 60
- Mathematics 61
- Music 62
- Physics 63
- Physiology and Hygiene 64
- Rural Economics and Sociology 65
- Spanish 65
- Writing 66

SPECIAL LECTURES, CONFERENCES, AND ENTERTAINMENTS 67
WHERE BOARD AND LODGING MAY BE HAD 71

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CALENDAR

June 13-14, *Tuesday and Wednesday*—Registration days.
June 15, *Thursday*—Instruction begins in all courses.
June 16, *Friday*—General Meeting, 12:30. Public exercises in Memorial Hall.
June 17, *Saturday*—All classes meet at the hours scheduled for Wednesday's classes.
Reception to students, Bynum Gymnasium, 8:30 p.m.
July 4, *Tuesday*—Holiday. Public exercises.
July 10-15, *Monday to Saturday*—High School Conference.
July 25, *Tuesday*—Class instruction ends at 1:30. Examinations begin at 2:30 p.m.
July 26-27, *Wednesday and Thursday*—Summer School examinations.
July 27-28, *Thursday and Friday*—State examinations.
(The State examinations will close at 1:30, Friday, July 28th.)

Detailed announcements of lectures, conferences, and entertainments will be issued weekly while the Summer School is in session.

1916

JUNE						
S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

JULY						
S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23 30	24 31	25	26	27	28	29

IMPORTANT SUGGESTIONS

1. Have your room reserved in advance. See page 36.
2. Urge your room-mate to make reservation promptly; otherwise the management will have to assign someone to the room with you.
3. Before leaving home mark your trunk plainly, putting your own name on it and the name of the dormitory to which you have been assigned, and have it checked to Chapel Hill, N. C. If you make your reservation before June 3d, a printed card giving your Chapel Hill address (room number and name of dormitory) and a baggage check will be sent to you. This card attached to your trunk or baggage will insure its prompt delivery without expense, provided you deliver the check to the University Summer School's official representative at University Station.
4. Be sure to provide yourself with the necessary articles which you are expected to bring; bed linen, pillows, towels, etc. See page 36.
5. If convenient for you to do so, confer with your superintendent or principal and get his advice as to the courses you should pursue in the Summer School.
6. Do not plan to do too much. Fifteen hours of class work a week is a reasonable amount to attempt. More than 20 hours will not be allowed.
7. Decide before coming that you will stay the full six weeks. It will cost but little more to stay the full term than it will to stay a few days, and the benefits will be many fold greater.
8. Be present for the first roll-call. The person who begins his work a day or a week late is obliged to labor under a handicap. Work will start promptly as scheduled, and the pace will be brisk.
9. If you wish to pursue in the Summer School courses counting for University credit, you should make application for such courses in advance. See pages 25 and 26.
10. If, after examining this bulletin carefully, there is further information you desire, address N. W. Walker, Director of the Summer School, Chapel Hill, N. C.

HISTORICAL NOTE

The old "Summer Normal" at the University was a pioneer in the summer school field. It was established in 1877 by Dr. Kemp P. Battle, and it seems to have been the first of its kind in America. It ran for eight years, and enrolled 2,480 teachers and students. It suspended in 1884.

Revived in 1894, the Summer School ran eleven years during its second period of usefulness until 1904 when it was again suspended. During this period 1,541 teachers and students were enrolled.

It was revived again in 1907. The following table shows the growth in attendance during the third period:

1907	36
1908	53
1909	76
1910	99
1911	225
1912	463
1913	500
1914	596
1915	731
Total	2,779

The Summer School's growth in efficiency has more than kept pace with its growth in numbers.

OFFICERS OF ADMINISTRATION

SUMMER SESSION, 1916

Edward Kidder Graham, A.M., D.C.L., LL.D., President.
Nathan Wilson Walker, A.B., Director.
Thomas James Wilson, Jr., Ph.D., Registrar.
Oscar Leach, A.B., Secretary.

Charles Thomas Woollen, Business Manager.
Julius Algernon Warren, Treasurer.
George Pickard, Superintendent of Buildings and Grounds.
Louis Round Wilson,* Ph.D., Librarian.
Eric A. Abernethy, M.D., Physician to the Summer School.
Mrs. Laura H. Benson, Graduate Nurse in charge of Infirmary.
Miss Pearl Hildebrand, Assistant Secretary.
Miss Margaret Anderson, Secretary Y. W. C. A.

Advisory Committee on Administration: Professors Walker, Howe, Wilson, T. J., Stacy, Williams, L. A.
Faculty Committee on Advanced Standing: Professors Wilson, T. J., Howe, Chase,* Daggett.
Faculty Committee on Graduate School: Professors Raper, Chase,* Greenlaw.
Committee on Normal Courses and Practice School: Professors Williams, Noble, Mr. Griffin.

MATRONS IN CHARGE OF DORMITORIES

Mrs. James Y. Paris, Battle Building.
Mrs. T. J. Cheek, Vance Building.
Mrs. M. B. Strayhorn, Pettigrew Building.
Mrs. L. L. Hargrave, Smith Building.
Mrs. B. M. Rogers, Old West Building.
Mrs. R. E. Ranson, Old East Building.
Mrs. J. B. Aiken, Carr Building.
Mrs. E. J. Coltrane, South Building.

* On leave, Summer Session, 1916.

STAFF OF INSTRUCTION*

SUMMER SESSION OF 1916

JAMES MUNSIE BELL, Ph.D., *Professor of Physical Chemistry.* — CHEMISTRY

B.A., University of Toronto, 1902; A.M., *ibid.*, 1905; Assistant in Chemistry, Cornell University, 1902-1903; Graduate Scholar in Chemistry, *ibid.*, 1903-1904; Sage Fellow in Chemistry, *ibid.*, 1904-1905; Ph.D., *ibid.*, 1905; Bureau of Soils, U. S. Dept. of Agriculture, 1905-1910; Associate Professor of Physical Chemistry, University of North Carolina, 1910—

WILLIAM STANLY BERNARD, A.M., *Associate Professor of Greek.* — GREEK AND ENGLISH

Student, Episcopal Theological Seminary (Va.), 1893-1895; A.B., University of North Carolina, 1900; Librarian, *ibid.*, 1900-1901; Instructor in Greek, *ibid.*, 1901-1906; A.M., *ibid.*, 1904; Associate Professor of Greek, *ibid.*, 1906—; Student, University of Chicago, 1906, Columbia University, 1909, 1910, 1911.

EUGENE CUNNINGHAM BRANSON, A.M., *Professor of Rural Economics and Sociology.* — RURAL ECONOMICS AND SOCIOLOGY

A.M., Trinity College (N. C.), 1894; A.M., Peabody Normal College (Tenn.), 1899; President, Georgia State Normal School, 1900-1912; Professor of Rural Economics and Sociology, *ibid.*, 1912-1914; Professor of Rural Economics and Sociology, University of North Carolina, 1914—

LAUTREC CRANMER BROGDEN, M.A., *State Supervisor of Rural Elementary Schools.* — SCHOOL SUPERVISION

Ph.B., University of North Carolina, 1895; Student, Teachers College, Columbia University, Summer Sessions, 1907-'08-'09-'10; M.A., *ibid.*, 1911; Superintendent Kinston City Schools, 1899-1909; State Supervisor of Rural Elementary Schools, 1909—

* Names arranged in alphabetical order.

GERMAN

KENT JAMES BROWN, Ph.D., *Associate Professor of German.*

A.B., Dickson College, 1901; Ph.D., University of Pennsylvania, 1905; Student, University of Berlin, 1904-1905; Student, University of Munich, 1909-1911; Assistant in German, University of Pennsylvania, 1902-1904; Instructor in German, State University of Iowa, 1911-1912; Associate Professor of German, University of North Carolina, 1912—

PLAYGROUNDS AND RECREATION

MRS. NEVA S. BURGESS, *Supervisor of Municipal Playgrounds, Charlotte, N. C.*

Formerly Director of Kindergarten Work, Public Schools of Chicago; Director of Playgrounds, Norfolk, Va.; Supervisor of Municipal Playgrounds, Charlotte, N. C., 1914—

ECONOMICS

DUDLEY DEWITT CARROLL, A.M., *Professor of History and Economics in Guilford College.*

A.B., Guilford College, 1907; A.B., Haverford College, 1908; A.M., Columbia University, 1915; Professor of History and Economics in Guilford College, 1909—; Graduate Student, Columbia University, Summer Sessions of 1910 and 1912 and Regular Sessions of 1914-'16.

PSYCHOLOGY AND EDUCATION

HARRY WOODBURN CHASE,* Ph.D., *Professor of Psychology.*

A.B., Dartmouth College, 1904; Teacher in the Groveland High School (Mass.), 1904-1908; A.M., Dartmouth College, 1908; Director of the Clinic for Subnormal Children, Clark University, 1909-1910; Ph.D., *ibid.*, 1910; Professor of Psychology, University of North Carolina, 1910—

PHYSICS

VIVIAN LEROY CHRISLER, A.M., *Instructor in Physics*

A.B., Piedmont College, 1902; Assistant in Physics, University of Nebraska, 1906-1909; B.S., *ibid.*, 1908; A.M., *ibid.*, 1909; Instructor in Science and Mathematics, Piedmont College, 1909-1910; Instructor in Physics, University of North Carolina, 1910—

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* On leave, Summer Session, 1916.

LEILA M. COBB, *Supervisor of Teaching and of the Practice Schools, State Normal School, Edinboro, Pa.* PRIMARY METHODS

Student, the North Carolina State Normal College, 1894-1896; Teacher in Goldsboro Public Schools, 1900-1907; Teacher in Wilmington City Schools, 1908-1909; Teacher in Chapel Hill School, 1909-1910; Critic Teacher in Practice School of Winthrop Normal College, at Rock Hill, S. C., 1910-1913; Student, Teachers College, Columbia University, 1913-1915; Assistant in Primary Grade of Horace Mann School, New York City, 1914-1915; Teacher in University of North Carolina Summer School, 1910 and 1913; Instructor in Summer School, Richmond, Va., 1915; Supervisor of Teaching and of the Practice School, State Normal School, Edinboro, Pa., 1915—

WILLIAM CHAMBERS COKER, Ph.D., *Professor of Botany.* BOTANY

B.S., University of South Carolina, 1894; Ph.D., Johns Hopkins University, 1901; Student, University of Bonn, 1901-1902; Associate Professor of Botany, University of North Carolina, 1902-1907; Professor of Botany, *ibid.*, 1907—

ROBERT DIGGS WIMBERLY CONNOR, Ph.B., *Secretary of the North Carolina Historical Commission.* HISTORY

Ph.B., University of North Carolina, 1899; Teacher of English and History in the Winston City High School, 1899-1902; Superintendent of the Oxford Public Schools, 1902; Principal of the Wilmington City High School and Teacher of History, 1902-1904; Secretary, Educational Campaign Committee in the office of the State Superintendent of Public Instruction, 1904-1907; Secretary of the North Carolina Teachers' Assembly, 1906—; Secretary and Executive Officer of the North Carolina Historical Commission, 1907—; Author of "Cornelius Harnett: An Essay in North Carolina History," "The Story of the Old North State," "Makers of North Carolina History," and joint-author with Clarence Poe of "The Life and Speeches of Charles Brantley Aycock"; President of the State Literary and Historical Association, 1912; and Secretary, *ibid.*, 1913—

EDUCATION

CHARLES L. COON, *Superintendent of Wilson City and County Public Schools.*

Teacher in Public and Private Schools, 1886-1897; Teacher in Charlotte High School, 1897-1899; Superintendent, Salisbury Public Schools, 1899-1903; Secretary Bureau of Information, Southern Education Board, 1903-1904; Superintendent of the State Colored Normal School, 1904-1906; Chief Clerk to State Superintendent, 1907; Superintendent, Wilson City Schools, 1907-1913; Author of numerous educational articles and pamphlets and author of the "Beginnings of Public Education in North Carolina" and of "North Carolina Private Schools and Academies, 1790-1840"; Superintendent, Wilson City and County Schools, 1913—

RURAL ECONOMICS AND SOCIOLOGY

SAMUEL HENRY DEVAULT, A.M., *Assistant in Rural Economics and Sociology.*

A.B., Carson-Newman College, 1912; A.M., University of North Carolina, 1915; Assistant in Rural Economics and Sociology, University of North Carolina, 1915—

SPANISH AND FRENCH

WILLIAM MORTON DEY, Ph.D., *Professor of the Romance Languages and Literatures.*

B.A., M.A., University of Virginia, 1902; Student in Paris, 1903; A.M., Harvard University, 1904; Austin Teaching Fellow, *ibid.*, 1905-1906; Ph.D., *ibid.*, 1906; Student in Spain and Italy, 1906; Assistant Professor of Romance Languages, University of Missouri, 1906-1909; Professor of Romance Languages, University of North Carolina, 1909—

PIANO PEDAGOGY

MRS. WILLIAM JASPER FERRELL, *Professor of Piano and Music Pedagogy, Meredith College.*

Graduate of Nansemond Seminary; Pupil of Mrs. Gregory Murray, of Philadelphia; Graduate of Burrows Kindergarten School; Graduate of Dunning Kindergarten School; Professor of Piano and Music Pedagogy, Meredith College, 1906—

ENGLISH

EDWIN GREENLAW, Ph.D., *Professor of English.*

A.B., Northwestern University, 1897; A.M., *ibid.*, 1898; A.M., Harvard University, 1903; Ph.D., *ibid.*, 1904; In-

structor in English, Northwestern University, 1898-1902, 1904-1905; Instructor in English, University of Chicago, 1904, 1907; Professor of English, Adelphi College, 1905-1913; Professor of English, University of North Carolina, 1913—

ISAAC CEBERN GRIFFIN, *Superintendent of the Marion, N. C., Graded Schools.* GRAMMAR SCHOOL METHODS

Student Davidson College, 1895-1897; Student, Summer School of the South; Principal Mill Bridge Academy, 1897-1900; Teacher in the Salisbury Public Schools, 1900-1903; Superintendent, Salisbury Public Schools, 1903-1909; Teacher of History in the Cullowhee Normal and Industrial School, 1909-1911; President North Carolina State Association of City Superintendents, 1911; State Conductor of Teachers' Institutes; Superintendent Marion Graded School, 1911—

GUSTAV HAGEDORN, *Formerly Dean of the School of Music, Meredith College, Raleigh, N. C.* PUBLIC SCHOOL MUSIC

Pupil of Adolph Hahn and Leopold Lichtenberg; Pupil of Issay Barmas and Edgar Stillman Kelly, Berlin; late member of the Cincinnati Symphony Orchestra (five years); Professor of Violin, Orchestral Instruments, and Instructor in Harmony, Counterpoint, Meredith College, 1906—; Dean of the School of Music, *ibid.*, 1912—1915.

JOSEPH GREGOIRE DEROULHAC HAMILTON, Ph.D., *Alumni Professor of History.* HISTORY

M.A., University of the South, 1900; Ph.D., Columbia University, 1906; Associate Professor of History, University of North Carolina, 1906-1908; Professor of History, *ibid.*, 1908—

JAMES HOLLY HANFORD, Ph.D., *Associate Professor of English.* ENGLISH

A.B., University of Rochester, 1904; Ph.D., Harvard University, 1909; Assistant in English, *ibid.*, 1908; Instructor in English, *ibid.*, 1910-1913; Assistant Professor of English, Simmons College, 1909-1914; Associate Professor of English, University of North Carolina, 1914—

LATIN

GEORGE KENNETH GRANT HENRY, A.M., Ph.D., *Assistant Professor of Latin.*

A.B., Hamilton College, 1900; A.M., *ibid.*, 1904; Ph.D., University of North Carolina, 1914; Instructor in Mathematics, University of North Carolina, 1908-1909; Instructor in Latin, *ibid.*, 1909-1914; Assistant Professor of Latin, *ibid.*, 1914—

AGRICULTURE

EDGAR ALLAN HODSON, M.S., *Instructor in Agronomy in the North Carolina College of Agriculture and Mechanic Arts.*

B.S., Alabama Polytechnic Institute, Auburn, 1911; Scientific Assistant for Special Research Work in the Department of Botany, *ibid.*, 1911; Assistant in Extension Department, *ibid.*, 1911; Instructor in Agronomy, in the North Carolina College of Agriculture and Mechanic Arts, 1911—; M.S., *ibid.*, 1914; Instructor in Agriculture, University Summer School, 1913; Member of committee arranging courses of study in Agriculture for the Farm-Life Schools, 1914.

LATIN

GEORGE HOWE, Ph.D., *Professor of the Latin Language and Literature.*

A.B., Princeton University, 1897; A.M., Ph.D., University of Halle, 1903; Student, Oxford University, 1903; Professor of Latin Language and Literature, University of North Carolina, 1903—

WRITING

MISS LILY NELSON JONES, *Supervisor of Writing in the Durham City Schools.*

Graduate of Greensboro Female College; Student, Summer School of the South; Student, University of Virginia Summer School; Student, Columbia University, Summer Sessions of 1911 and 1912; Instructor in Writing, Martinsville (Va.) Summer School, Newport News Normal, Fredericksburg Normal, and the University of Virginia Summer School, 1909 and 1910; Instructor in Primary Work in the North Carolina Institutes, 1912; Teacher of Primary Grades in the Durham City Schools, 1904-1910; Supervisor of Writing, *ibid.*, 1911—

MISS LYDIA EVA LACEY, B.S., *Instructor in Home Economics.* — HOME ECONOMICS

B.S., University of Nebraska, 1912; Teacher in Logan, Iowa, High School, 1912-1913; B.S. in Home Economics, Iowa State College, 1915.

EDGAR LONG, A.M., *Instructor in English.* — ENGLISH

A.B., Erskine College, 1906; A.M., *ibid.*, 1911; Graduate Student, Columbia University, 1908-1913; Assistant Professor of English, Erskine College, 1907-1914; Instructor in English, University of North Carolina, 1915—

WILLIAM A. MCCALL, A.M., *Lecturer in Educational Psychology, Teachers' College, Columbia University, New York City.* — EDUCATIONAL PSYCHOLOGY

B.S., Cumberland College, 1911; Instructor in Psychology, Lincoln Memorial University, 1911-1913, and Summer School; Research Scholar in Education, Teachers College, 1913-1914; Master's Diploma, Teachers College, 1914; A.M., Columbia University, 1914; Psychologist for the New York State Commission on Ventilation, 1914-1916; Lecturer in Educational Psychology, Teachers College, Columbia University, 1915—

CHARLES STAPLES MANGUM, A.B., M.D., *Professor of Anatomy.* — PHYSIOLOGY HYGIENE AND PUBLIC HEALTH

A.B., University of North Carolina, 1891; M.D., Jefferson Medical College, 1894; Assistant and Demonstrator, *ibid.*, 1894-1895; Graduate Student, University of Chicago, 1906—; Professor of Anatomy, University of North Carolina, 1896—; Student, Harvard University, 1912-1913.

MISS HENRIETTE MARIE MASSELING, *Story Specialist, Teacher in the Atlanta Public Schools; Story Teller in the Children's Department of the Carnegie Library and the Anne Wallace Branch Library of Atlanta.* — STORY TELLING PLAYS AND GAMES

Graduate of the Immaculate Conception Academy, 1900; Student at State Normal School, University of Georgia, Athens, Georgia; Lecturer on the Art of Story-Telling; Vice-President of the Story-Tellers' League; Teacher in

the Public Schools of Atlanta, Georgia, 1901—; Storyteller in the Children's Department of the Carnegie Library and of the Anne Wallace Branch Library, Atlanta, Ga., 1902—; Instructor in the University of North Carolina Summer School, 1914—

DRAWING

MISS AUGUSTA N. MICHAELS, A.B., *Instructor in Drawing, Durham City High School.*

A.B., Trinity College, 1905; Student in Teachers' Training School, Durham City Schools, 1905-1906; Primary Instructor, Durham Public Schools, 1906-1910; Student Summer School of the South, 1910; Grammar Grade Instructor, Durham Public Schools, 1910-1913; Student at Columbia University Summer School, 1913; Instructor in Drawing, Durham City High School, 1913—

PEDAGOGY

MARCUS CICERO STEPHENS NOBLE, *Professor of Pedagogy and Dean of the School of Education.*

Student, Davidson College and University of North Carolina; Commandant, Bingham School, 1880-83; Superintendent of Schools, Wilmington, N. C., 1883-98; Professor of Pedagogy, University of North Carolina, 1898—; Dean of the School of Education, *ibid.*, 1913—

FRENCH

EUGENE FRED PARKER, A.M., *Instructor in the Romance Languages.*

B.S., Norwich University, 1907; A.M., Harvard University, 1909; Instructor in the Romance Languages, Union College, 1909-1911; Instructor in the Romance Languages, University of North Carolina, 1912—

PRACTICE SCHOOL

MISS HATTIE PARROTT, *Assistant Superintendent of Public Instruction for Lenoir County.*

Student, State Normal College; Student, University of North Carolina Summer School; Student, Summer School of the North Carolina College of Agriculture and Mechanic Arts; Student, Summer School of the South; Teacher in the Kinston Graded Schools; Teacher in the Durham City Schools; Supervisor of Writing in the Elementary Department of the Kinston Public Schools; Assistant Superintendent of Public Instruction for Lenoir County; Principal and Supervising Teacher of the Primary Department of the Kinston City Schools.

Miss Elizabeth Pryor, B.S., *Teacher of Home Economics, Cary High School.* — HOME ECONOMICS

B.S., in Home Economics, Iowa State College, 1914; Instructor in Home Economics, Summer School, Iowa State College, 1914; Instructor in Home Economics, Cary Farm-Life School, 1914-1915.

Edwin Davis Pusey, A.M., *Superintendent of City Schools, Durham, N. C.* — GRAMMAR SCHOOL METHODS

A.B., St. John's College, Md., 1889; A.M., *ibid.*, 1891; Assistant Master, Yeates Institute, Lancaster, Penn., 1890-1891; Instructor in Latin, St. John's College, 1891-1894; Professor of German, St. John's College, 1894-1898; Supervising Principal of The Arundel School for Girls, Annapolis, Md., 1894-1898; Director of the Maryland Summer School for Teachers, 1894; Captain of Infantry, U. S. V. Army, 1898-1900; Professor of German in St. John's College, 1900-1903; Principal of the Roberdel Academy, 1907-1909; Superintendent of Schools, Laurinburg, N. C., 1909-1912; Superintendent of City Public Schools, Goldsboro, N. C., 1912-1914; Superintendent of the Durham City Schools, 1914—

William Walter Rankin, Jr., A.M., *Instructor in Mathematics.* — MATHEMATICS

B.E., North Carolina College of Agriculture and Mechanic Arts, 1904; Professor of Mathematics, Fredericksburg College, 1908-1911; A.M., University of North Carolina, 1912; Fellow in Mathematics, *ibid.*, 1912-1913; Instructor in Mathematics, *ibid.*, 1913-1914, 1915; Student, Harvard University, 1914-1915.

Mrs. Robert E. Ranson, *Reader and Story Teller.* — ASSISTANT IN PLAYS AND GAMES AND STORY TELLING

Graduate, Mont Amoena Seminary, 1904; Graduate, School of Expression, Elizabeth City, 1906; Teacher of English and Expression, Mont Amoena Seminary, 1907-1908; Teacher of Music and Expression, Shelby Graded School, 1908-1909; Principal, Kings Mountain High School, 1909-1910; Story-teller, Nash County Schools, 1910-1911; Teacher of Expression, Troy High School, 1911-1913; Teacher of Expression, Southport, 1913—

PRIMARY METHODS

MISS IDA EVANS ROGER, *Supervisor of Schools and Supervisor of Training in the Public Schools of Port Chester, New York.*

Graduate, State Normal School, Oneonta, New York; Student, New York School of Art; Student, William Smith College, New York; Student, Teachers College, Columbia University; Teacher in Public Schools, Amsterdam and Yonkers, New York, and Englewood, New Jersey; Instructor in Pedagogy, William Smith College; Contributor to Primary Education, Boston, Mass.; Supervisor of Primary Schools and Supervisor of Training, Fort Chester, New York, Public Schools, 1913—

ENGLISH

JAMES FINCH ROYSTER, Ph.D., *Professor of English in the University of Texas.*

A.B., Wake Forest College, 1900; Student, University of Chicago, 1900-1909; University of Berlin, 1902-1903; Acting Instructor, University of Colorado, 1904-1905; Fellow, University of Chicago, 1905-1906; Associate, *ibid.*, 1906-1907; Ph.D., *ibid.*, 1907; Associate Professor of English, University of North Carolina, 1907-1910; Professor of English, *ibid.*, 1910-1914; Professor of English, University of Texas, 1915—

ARITHMETIC

SAMUEL LLOYD SHEEP, M.E., *Superintendent of City Schools, Helena, Ark.*

Master's Diploma, Bloomsburg (Pa.) State Normal School, 1875; Graduate Student, *ibid.*, 1875-1876; Superintendent of Schools, Watsontown, Pa., 1877-1878; Principal, Atlantic Collegiate Institute, Elizabeth City, N. C., 1878-1907; Superintendent, Summer Normal School, Elizabeth City, 1880-1889; Superintendent of Schools of Pasquotank County, and Institute Conductor; President, State Association of City Superintendents, 1912; Superintendent of the Graded Schools of Elizabeth City, 1907-1914; Superintendent of City Schools, Helena, Ark., 1914—

GEOGRAPHY AND GEOLOGY

JOHN E. SMITH, M.S., *Instructor in Geology.*

B.S., Oregon Agricultural College; Oregon State Teachers' (life) Diploma, 1906; Student, University of Chicago, Summer Quarters, 1908, 1909, 1910; M.S., Iowa

State College, 1911; Head of Department of Science, High School, Salem, Oregon, 1905-1908; Assistant in Botany, Kansas State College, 1908-1910; Curators' (teaching) Fellow in Geology, University of Missouri, 1911-1912; Instructor in Geology, University of North Carolina, 1912—

Marvin Hendrix Stacy, A.M., *Professor of Civil Engineering.* MATHEMATICS

Ph.B., University of North Carolina, 1902; Instructor in Mathematics, *ibid.*, 1902-1906; A.M., *ibid.*, 1904; Student, Cornell University, 1905, 1906, 1911; Associate Professor of Civil Engineering, University of North Carolina, 1906-1910; Professor of Civil Engineering, *ibid.*, 1910—; Dean of the College of Liberal Arts, 1914—

Hester C. Struthers, *Assistant Principal of Chadbourn High School.* PRACTICE SCHOOL

Graduate Tileston Normal, 1890; State Normal, 1893-1894; University of North Carolina Summer School, 1896; Chicago University, 1895; Chautauqua, New York Summer School, 1902; Columbia University Summer School, 1905; Harvard University Summer School, 1910; Teacher, Wilmington Public School, 1894-1909; Teacher, Practice School at University of North Carolina Summer School, 1914—

Mary M. Stuart, *Assistant Supervisor of Drawing, Norfolk, Virginia, City Schools.* DRAWING

Graduate Newport News High School, 1908; Student, Stuart Hall; Summer School of Art, University of Virginia (Mr. Breden and Mr. Cootes, New York); Certificate and Scholarship from Pennsylvania Museum and School of Industrial Art, Philadelphia, Pennsylvania; Seaside Normal; Woodstock School of Landscape Painting, New York (Mr. John Carlson); Student, Columbia University; Assistant Drawing Supervisor, Public Schools of Norfolk, Virginia, 1910-1915.

Walter Dallam Toy, M.A., *Professor of the Germanic Languages and Literatures.* GERMAN

M.A., University of Virginia, 1882; Student, University of Leipzig, 1882-1883; University of Berlin, 1883-1885;

College de France, 1885; Professor of Germanic Languages and Literatures, University of North Carolina, 1885—; Student, University of Berlin, 1910-1911.

HISTORY

JOSEPH BOYCE VERNON, A.M., *Instructor in Economics, Columbia University.*

A.B., Wake Forest College, 1911; A.M., Columbia University, 1916; Instructor in Economics, *ibid.*, 1916.

HISTORY

HENRY MCGILBERT WAGSTAFF, Ph.D., *Professor of History.*

Ph.B., University of North Carolina, 1899; Professor of Mathematics, Rutherford College (N. C.), 1900-1902; Ph.D., Johns Hopkins University, 1906; Acting Professor of Economics and History, Alleghany College, 1906-1907; Associate Professor of History, University of North Carolina, 1907-1909; Professor of History, *ibid.*, 1909—

EDUCATION

NATHAN WILSON WALKER, A.B., *Professor of Secondary Education in the University of North Carolina and State Inspector of Public High Schools.*

A.B., University of North Carolina, 1903; Superintendent of Schools at Asheboro, N. C., 1903-1905; Professor of Secondary Education, University of North Carolina, 1905—; State Inspector of Public High Schools, 1907—

SCHOOL ADMINISTRATION

LESTER ALONZO WILLIAMS, Pd.D., *Professor of School Administration.*

A.B., Dartmouth, 1903; A.M., *ibid.*, 1909; Ph.D., New York University, 1912; Supervisor of Schools and Principal of High Schools in Massachusetts and New Hampshire, 1903-1911; Supervisor of Schools, Leonia, New Jersey, 1912-1913; Lecturer, Brooklyn (N. Y.), Institute of Arts and Sciences, 1913; Lecturer in New York University Summer School, 1913; Professor of School Administration, University of North Carolina, 1913—

LIBRARY ADMINISTRATION

LOUIS ROUND WILSON,* Ph.D., *Professor of Library Administration.*

A.B., University of North Carolina, 1899; Librarian, *ibid.*, 1901—; A.M., *ibid.*, 1902; Ph.D., *ibid.*, 1905; Associate Professor of Library Administration, 1907—; Student, Columbia University, 1910.

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* On leave, Summer Session, 1916.

Additions to Staff of Instructors

Miss Edith G. Daggett, *Supervisor of Drawing, Public Schools, Washington, D. C.* DRAWING

Graduate, San Diego High School, California, 1906; Student, Pennsylvania Academy of Fine Arts, 1906-07; Graduate of the Normal Art Course, Pennsylvania School of Industrial Art, 1907-11; Student, Darby Summer School of Painting, 1910; Student, George Washington University, 1913-14; Supervisor of Drawing, Washington, D. C., 1912—

(Miss Daggett takes the place of Miss Mary Stuart announced on page 19 teacher in the Department of Drawing.)

Parker Hayward Daggett, *Professor of Electrical Engineering.* PHYSICS

Assistant in Electrical Engineering, Harvard University, 1908-1909; S. B. *ibid.*, 1910; Acting Professor of Electrical Engineering, University of North Carolina, 1910; Associate Professor of Electrical Engineering, *ibid.*, 1910-1913; Professor of Electrical Engineering, *ibid.*, 1913—; Acting Dean of the School of Applied Science, 1915—

Alvin Sawyer Wheeler, *Professor of Organic Chemistry.* CHEMISTRY

A. B., Beloit College, 1890; Student, University of Chicago, 1895; Student, Cornell University, 1897; Assistant in Chemistry, *ibid.*, 1897-1900; Ph. D., *ibid.*, 1900; Associate Professor of Chemistry, University of North Carolina, 1900-1912; Professor of Organic Chemistry, *ibid.*, 1912—; Student, University of Berlin, University of Bonn, Swiss Federal Polytechnic, 1910-1911.

Change of Matrons

Mrs. James Y. Paris, will have charge of the Vance Building, instead of the Battle Building as announced on page 8, and Mrs. T. J. Cheek will have charge of the Battle Building.

SPECIAL LECTURERS

Edgar J. Banks, Ph.D., *Explorer, Orientalist; Field Director of Babylonian Expedition of University of Chicago to Bismya, 1903; formerly American Consul at Bagdad.* — ARCHÆOLOGY AND ANCIENT HISTORY

Robert Diggs Wimberly Connor, Ph.B., *Secretary of the North Carolina Historical Commission.* — NORTH CAROLINA HISTORY

Joseph Gregoire deRoulhac Hamilton, Ph.D., *Alumni Professor of History in the University of North Carolina.* — INTERNATIONAL POLITY AND CONCILIATION

Joseph Hyde Pratt, Ph.D., *Professor of Economic Geology in the University of North Carolina, and State Geologist.* — THE INDUSTRIAL HISTORY OF NORTH CAROLINA

George Solomon, *Rabbi Congregation Michve Israel, Savannah, Ga.* — JEWISH HISTORY AND PHILOSOPHY

Thomas E. Finegan, Ph.D., *Deputy Commissioner of Education and Assistant Commissioner for Elementary Education, of the New York State Department of Education, Albany, N. Y.* — MODERN EDUCATION

Benjamin Sledd, Ph.D., *Professor of English in Wake Forest College.* — AMERICAN LITERATURE

Herman Harrell Horne, Ph.D., *Professor of the History of Education and of the History of Philosophy, New York University.* — THE HISTORY OF EDUCATION

GENERAL INFORMATION

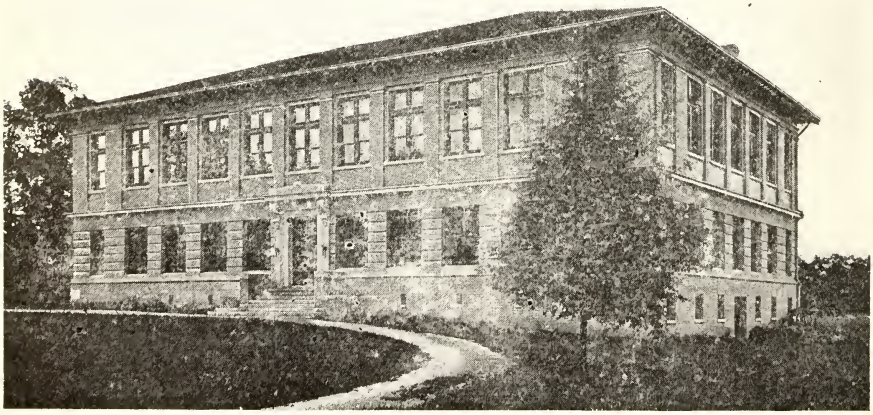
The Summer Term: June 13-July 28

The twenty-ninth session of the University Summer School for Teachers will open on Tuesday, June 13th, and continue for a term of six weeks, closing on Friday, July 28th. Classes will hold their regularly scheduled meetings on Thursday, Friday, and Saturday of the opening week, but after that the school will be in session only five days each week, from Monday to Friday.

Registration

The regular time for registration will be Tuesday and Wednesday, June 13th and 14th. All students of the summer school should try to be present and register on those days, as the regular class work will begin promptly at 8:30 on Thursday morning, June 15th. There are certain preliminary arrangements to be made in the way of selecting courses, securing board and lodging, getting the necessary books, etc., all of which should be attended to, if possible, before class work begins. To be on hand promptly so as to begin with the regular class is far more satisfactory than to come in a day or two late.

Registration in the courses counting for the A.B. and A.M. degrees will not be permitted after Monday, June 19th.



THE GEORGE PEABODY EDUCATION BUILDING

Departments of Instruction

In the Summer School of 1916 instruction will be offered in the following departments (for description of the courses see pages 41-46).

Agriculture	History
Botany	Home Economics
Chemistry	Latin
Drawing	Library Science
Economics	Mathematics
Education	Music
English	Physics
French	Physiology and Hygiene
Geography	Portuguese
Geology	Rural Economics and Sociology
German	Spanish
Greek	Writing

ALUMNI BUILDING

In the Department of Education courses will be offered in:

Primary Methods.
Reading for the Primary Grades.
Grammar School Methods.
Child Study in the Grammar Grades.

Plays and Games.
Story Telling.
Playgrounds.
General Administration.
The Teaching of English.
The Teaching of History.
The Teaching of Arithmetic.
The Teaching of Geography.
High School Administration.
High School Methods.
Constructive School Supervision.
Elementary Educational Psychology.
A Seminar Course in Educational Psychology.
A Seminar Course in Administration.

These courses are designed to meet the needs of teachers and superintendents who are making an effort to fit themselves for better service, and for students who wish to pursue during the Summer College and University courses leading to the A.B. and the A.M. degrees. To the earnest teacher or student who desires to spend a part of the summer in serious, quiet study under the direction of competent instructors, excellent opportunities are offered.

Courses for University Credit

The Summer School is from year to year enlarging the scope of its work by opening other departments and offering additional courses, many of which count for credit towards the degrees of A.B. and A.M. A list of these courses is given below, and a description of each, with a statement of the amount of credit given, is included in the statements made by the various departments. (See pages 41-66.)

One Summer School credit is the equivalent of one hour of work for one year during the regular University session. The credit allowance for courses in the Summer School is in proportion to the number of weekly meetings, a course meeting for five hours each week counting for one credit, one meeting for ten hours weekly, for two credits.

In no case will credit be given unless the student has been in regular attendance on the course during the whole summer session,

and has completed satisfactorily the work of the course together with the final examination. Students will not be allowed to register for such courses later than Monday, June 19th.

The standard of work in courses given for University credit will be in all respects that of the corresponding courses as given during the regular session, as these courses are an integral part of the work of the University. It is the hope of the University that by the introduction of such courses increased service may be rendered to the growing body of teachers in the State who have already completed college courses or done some work of college grade and who desire while in service to improve themselves along both professional and cultural lines, and at the same time receive formal recognition for their work.

Courses of Freshman and Sophomore grade will not be credited toward graduate work. Courses of Junior and Senior grade may be counted toward a minor for such work, as indicated in the regulations below.

Admission to Undergraduate Courses

Applicants for courses of Freshman grade must satisfy the requirements for entrance as laid down in the University catalogue. These requirements comprise a total of 14 units selected from the subjects of English, foreign languages (ancient and modern), history, mathematics, and science. For details the applicant is referred to the University catalogue, pages 33-42.

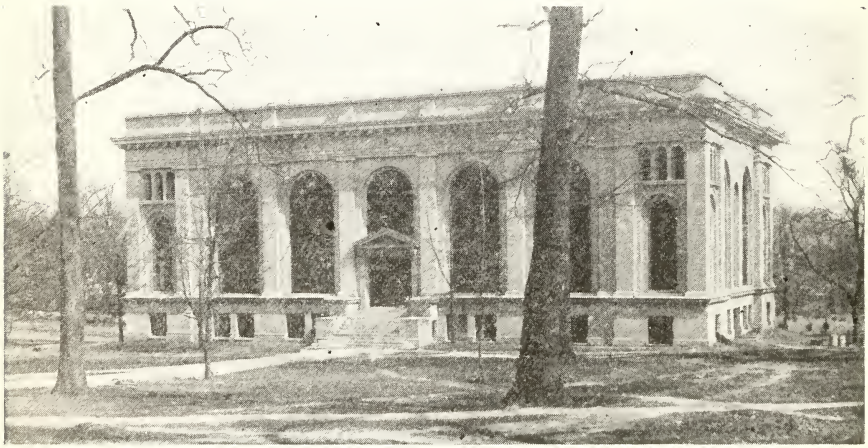
Applicants for courses of advanced standing must furnish evidence of work of college grade completed at this or another institution. Such evidence must consist of the official statement from the institution where the work was done, stating definitely the courses pursued and the amount of credit recorded. Admission to specific courses will be determined in each case by the department on the basis of previous preparation. In some instances the training in a branch of study derived from experience in teaching it will be taken into account.

Application for admission to undergraduate courses should be sent in advance to the Director of the Summer School. It should be accompanied by certificates of preparation or official statements from other institutions and a list of the courses the applicant de-

sires to pursue. Blanks for this purpose will be furnished on application.

Candidates for the Master's Degree

Students who may wish to pursue in the Summer School courses leading to the Master's degree should make application for such courses before June first and should send with their application a statement of their educational experience. This statement should include: (1) the college from which the applicant has a Bachelor's degree; (2) the time when the degree was taken; (3) the courses pursued; (4) teaching experience. The courses leading to the Master's degree will be open to students in the Summer School



CHEMISTRY HALL

upon the same conditions as to students in the regular sessions. The candidate for such a degree must hold a Bachelor's degree from a college of approved standing. He must complete at least 15 hour credits, 8 of which must be taken from courses in the Graduate School; the remaining 7 may be taken from courses in the Graduate School or from courses open to Juniors and Seniors. In case the candidate has not had sufficient training in certain departments to enable him to pursue strictly graduate courses, provision may be made in the Summer School for the making up of such deficiency.

The degree may be earned by graduates of standard colleges by the completion of an approved course of study extending over four summer sessions. No student will be allowed to carry during any one summer courses which amount to more than four credits toward the degree. The degree will in no case be conferred until the regular commencement next succeeding the summer session in which the work is completed.

A thesis on the major subject of study, showing capacity for original research, must be submitted to the head of the department concerned on or before May 1 of the year in which the degree is conferred, and must be filed in typewritten form on or before May 15th.

Special Lectures and Round-Table Conferences

In addition to the regular courses of instruction enumerated in the paragraphs above, there will be a series of lectures and round-table conferences running through the entire term, for the presentation and discussion of vital school problems and topics relating to every practical phase of school work. Matters of school and classroom management will receive especial attention. These conferences will be made as genuinely helpful as it is possible to make them. Topics of especial interest to prospective teachers, rural school teachers, grade teachers in the city schools, high school teachers, principals, and superintendents will be presented and discussed.

Among those who will be present from time to time to deliver special lectures and to lead in the discussions at these round-table conferences are several of the State's most thoughtful and progressive city and county superintendents, college professors, and State school officials. No teacher in the Summer School can well afford to miss these conferences.

Departmental Conferences

Throughout the session departmental conferences will be conducted for teachers of special subjects. These conferences will be held once or twice a week and will be conducted by the heads of the several departments. The discussions will supplement the lectures given in certain courses. The attendance will not be restricted to

those who register for such courses. The English conference will be open to all those who wish to attend, the Latin conference to all teachers of Latin; and so on for the conferences in the other departments. It is the purpose of these conferences to aid teachers in the practical problems of their work by informal discussions of such topics as the recitation, the course of study, the place of the subject in the curriculum, the use of material, etc.

A Practice School

A typical two-teacher school will be conducted throughout the term for the purpose of observation and practice. Regular class work covering the first seven grades will be carried on. Teachers pursuing courses in Primary School Methods and Grammar School Methods will be required, under the direction of the instructors, to observe the work of these grades, to prepare and to teach assigned lessons from approved lesson plans, and, so far as possible, to carry out in actual practice the principles presented and studied in class. All observation and practice teaching will be done under the direction and supervision of expert critic teachers.

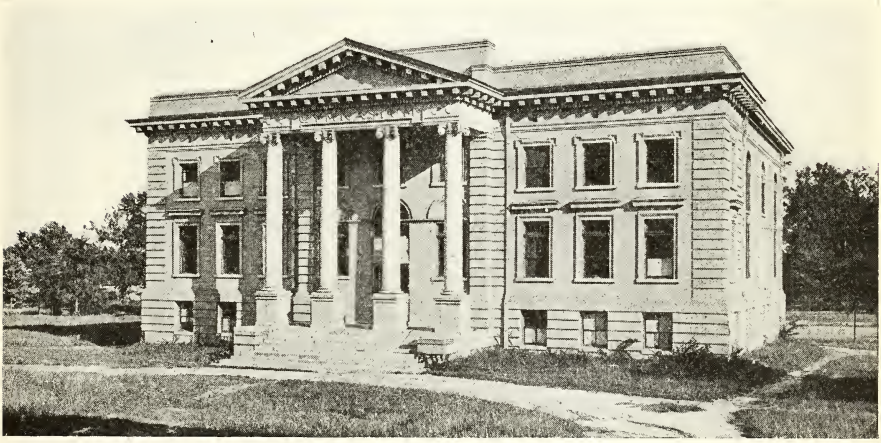
For Whom Courses are Planned

Professional and Cultural Courses are planned for:

1. Teachers of Primary Grades.
2. Teachers of Grammar Grades.
3. High School Teachers and Principals.
4. Teachers of Special Subjects.
5. County and City superintendents and Supervisors.
6. Candidates for Admission to College who wish to make up deficiencies in entrance requirements.
7. Teachers who expect to take the State Examination for Professional Certificates in July, whether applying for the original certificate, renewal, or additional credit.
8. College and University Students who desire to earn extra credit towards the A.B. degree.
9. Students, Teachers, and others wishing to pursue Professional and Cultural Courses leading to the A.B. and A.M. degrees.

Increasing Demand for High School Teachers

The growth of public high schools in North Carolina causes an increasing demand for well equipped high school teachers and principals. During the past few years the University has had calls for hundreds of men to engage in educational work in this and other Southern States. It has been able to supply barely one-half the number called for. The demand for better trained teachers is becoming more and more insistent all over the South, and it means greater opportunity for the teacher who is preparing himself to fill a higher position next year than he filled last. To be prepared to advance in his profession to ever larger fields of usefulness should be the ambition and constant aim of every true teacher. The University is maintaining the Summer School in order that it



WILLIAM PRESTON BYNUM, JR., GYMNASIUM

may better serve the schools by sending into them more efficient teachers, and that it may better serve the teachers by giving them an opportunity to improve their scholarship and thus fit themselves for better work.

Summer School Certificates and Professional Credits

At the close of the term regular examinations will be held, and certificates will be issued to those who pass a satisfactory examina-

tion on the courses pursued. These certificates state definitely the courses pursued and the grades attained, and they will be accepted under the provisions of the General School Law, by Superintendents in lieu of attendance upon local institutes.

Professional Courses Approved by State Superintendent

Certificates covering certain courses in the Department of Education will be accepted for credit on the professional work required by the State Board of Examiners for the High School Teachers' Certificates and for the Five-Year State Elementary School Certificates. Just which courses will count for such credit and the amount of credit that will be allowed can be ascertained at the time of registration.

Examination for State Certificates

The teachers in the Summer School who wish to apply to the State Board of Examiners for the High School Teacher's Certificate and the Five-Year State Certificate will have an opportunity to review thoroughly the main subjects on which they are to be examined, and then to take the examinations at a time when they should be best able to pass them successfully. The State examinations will be held on July 27 and 28.

Teachers' Bureau

A Teachers' Bureau is maintained during the Summer School for the benefit of teachers desiring a change of position. Many applications for teachers are received each year while the Summer School is in session, and many Superintendents visit the Summer School for the purpose of employing well qualified teachers. In order that the management may keep closely in touch with available teachers and be enabled thereby to render prompt service to school officials applying for teachers, all well qualified applicants in attendance are invited to register with the Teachers' Bureau. There is no registration fee charged. Applicants are expected to file with the Bureau photograph and typewritten testimonials or letters of recommendation. Last year nearly 300 teachers were aided by the Bureau in securing positions for this year.

The Library

The University Library, containing over 70,000 volumes and over 20,000 pamphlets, will be open daily to the students of the Summer School. Excellent opportunities are here afforded the students for wide reading and special research. Model libraries are exhibited during the term for (a) Teachers, (b) Rural Elementary Schools, (c) High Schools. These suggestive collections may be consulted at any time.

The Gymnasium

Students of the Summer School will be afforded the privileges of the baths and swimming pool in the Gymnasium. Each day in the week, from 7 a. m. until 4 p. m., the baths and swimming pool will be open to the women of the Summer School. Hot water will be furnished every morning. Each afternoon, from 4 to 6:30, the baths and swimming pool will be open to the men. One evening each week (Social Evening) the Gymnasium will be open for social purposes. A gymnasium fee of fifty cents is charged each student of the Summer School. This is paid at the time of registration.

The Infirmary

During the Summer School the University Infirmary will be open for the convenience of the students in attendance. The Infirmary will be under the direction of Dr. Eric A. Abernethy, Physician to the Summer School, and Mrs. Laura H. Benson, Graduate Nurse, who, with an assistant, will be constantly in attendance. There will be no extra charge for the services of the physician or of the nurse, except in cases of prolonged and serious illness necessitating a special nurse. The Summer School Physician will be at the Infirmary two periods a day for consultation and advice. At these hours students of the Summer School will be given the opportunity to consult the Physician about any matters pertaining to their health. A medical fee of seventy-five cents is required of each matriculate in the Summer School at the time of registration.

A SUMMER SCHOOL GROUP, 1915

Tuition, Registration, and Laboratory Fees

Each matriculate in the Summer School is required to pay a flat registration fee of $8. This includes a matriculation fee of $6.50, a medical fee of 75 cents, a gymnasium fee of 50 cents, and a library fee of 25 cents. No tuition fees will be charged teachers of the State or residents of the State who are preparing to teach, nor will tuition fees be charged nonresidents of the State who, at the time of matriculation, have signed a contract to teach in the schools of the State.

A nominal tuition fee of $5 will be charged all other matriculates in the Summer School. Laboratory fees are charged for some courses. In each case where a laboratory fee is charged, due announcement of the fact is made in connection with the statement of the course for which it is charged. Registration, tuition, and laboratory fees are to be paid at the time of registration. No refund of any of these fees will be made after ten days from the date of registration.

Reduced Railroad Fares

Reduced railroad rates have been authorized from points on the following lines in Virginia, North Carolina, and South Carolina: *Atlantic Coast Line Railway, Blue Ridge Railway, Norfolk Southern Railroad, Seaboard Air Line Railway, Southern Railway.*

Excursion rate tickets will be on sale June 12, 13, 14, 15, 16, and 17, and July 3 and 10. Tickets will be limited, on return, to reach original starting point not later than midnight of August 1, 1916.

Prospective students of the Summer School should apply in advance to the local agents for reduced rates. *Do not wait until the day you are to leave to make inquiry about reduced rates.*

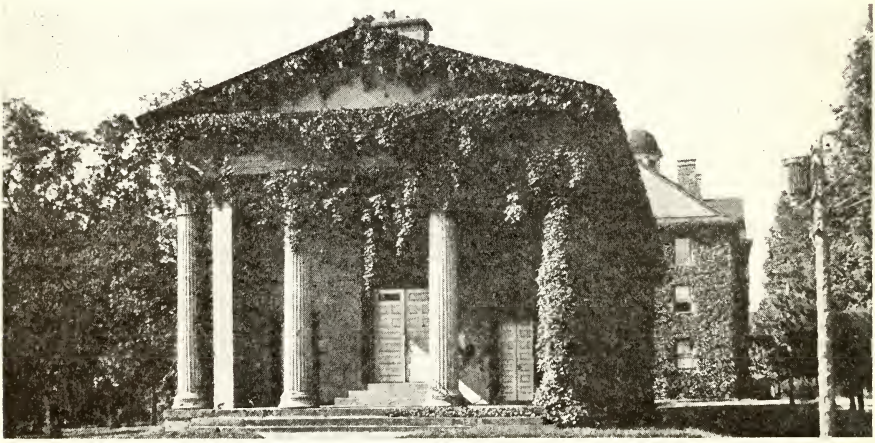
Train Schedules

There are two trains a day, except Sunday, from University Station to Chapel Hill. The noon train arrives at 12:05 and the evening train at 6:45. Those who can conveniently do so would do well to arrange their trip so as to reach Chapel Hill on the noon train. Be sure to buy your ticket to Chapel Hill Station and

have your baggage checked to this point (and not to University Station, which is ten miles or more from the University).

Delivery of Baggage

The Summer School management will deliver the baggage of students free of cost at their dormitories, provided their checks are given only to the official representative of the Summer School at University Station or at Chapel Hill Station. During the registration period a Bureau of Information will be maintained at University Station and an official representative of the University Summer School will be on hand to take up baggage checks and give such information as incoming students may desire. Give your baggage checks to this representative and your baggage will be delivered promptly and without charge.



SMITH HALL

Table Board

Good table board will be furnished at *Swain Hall* (the University's new $45,000 dining hall) for $12.50 per month of four weeks, payable at the beginning of the month, or $18.75 for the entire term, payable at the opening of the session. The rates by the week will be $3.50. Five hundred boarders can be accommodated here.

Good table board and lodging can be obtained at the village boarding houses and hotels at reasonable rates, varying from $15 to $25 per month. (See list on page 71.)

Dormitory Accommodations

For the accommodation of the ladies in attendance upon the Summer School the University will open the *Carr,* the *Smith,* the *Vance-Battle-Pettigrew,* the *Old East,* the *Old West,* and the *South Buildings.*

The *Carr Building* will be in charge of Mr. and Mrs. J. B. Aiken, of Aberdeen. It contains 42 rooms and will accommodate 80 students.

The *Smith Building* will be in charge of Mr. and Mrs. L. L. Hargrave, of Nebo. It contains 40 rooms and will accommodate 76 students.

The *Battle Section* of the new dormitories will be in charge of Mrs. J. Y. Paris, of Oxford; the *Pettigrew Section* will be in charge of Mrs. M. B. Strayhorn, of Roxboro; and the *Vance Section* will be in charg of Mrs. T. J. Cheek, of South Mills. These three dormitories contain 72 rooms en suite and will accommodate 108 students, 3 students to the suite.

The *Old East Building* will be in charge of Mr. and Mrs. R. E. Ranson, of Southport. It contains 28 rooms and will accommodate 56 students.

The *Old West Building* will be in charge of Mr. and Mrs. B. M. Rogers, of Mebane. It contains 28 rooms and will accommodate 56 students.

The *South Building* will be in charge of Mr. and Mrs. E. J. Coltrane, of Jamestown. It contains 30 rooms and will accommodate 60 students.

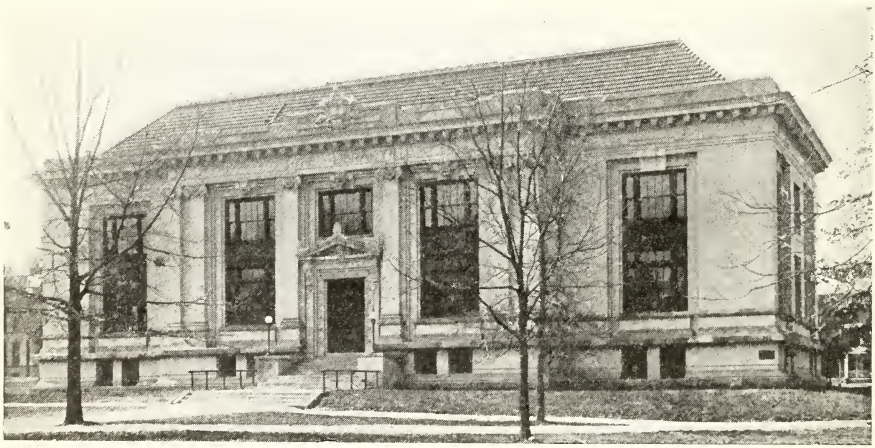
University Inn will be open for the accommodation of male students in attendance upon the Summer School.

Room rent in any of these dormitories is $5 per student (two or three to the room) for the term of six weeks, payable in advance. No reduction from this price will be made for students entering late or for those leaving before the close of the term. In making reservations preference will be given to those students who expect to attend the Summer School for the full term.

Rooms in the University dormitories will not be ready for occupancy by the Summer School students until Tuesday noon, June 13.

Reservations Must be Made in Advance

Students desiring rooms in the University buildings must have their reservations made in advance, or the management cannot guarantee to them accommodations. Each application for a reservation should be accompanied by a check for $5 to cover room rent for the term. *Make all checks payable to The University of North Carolina.* Applications should be made to the Director of the Summer School prior to June 5th in order that applicants may be notified before leaving home whether or not their reservations have been made as requested. The University can provide dormi-



THE LIBRARY

tory accommodations for barely more than half of the Summer School students; others have to find accommodations in the village hotels and boarding houses. The management, of course, stands ready to render any assistance it can in the way of helping students of the Summer School to find convenient and comfortable accommodations.

What the Student Must Furnish

Students occupying rooms in the University dormitories must furnish their own bed linen, pillows, towels, etc. Each student

who secures a room in one of these dormitories will be expected to bring with her for her own use the following articles:

1 Pillow.
2 Pairs of Pillow Cases.
2 Pairs of Sheets (for single bed).
2 Counterpanes.
6 Towels.

Expenses

Few teachers realize that the expense of attending the Summer School is so small. The actual expenses of those who room in the College dormitories and board at *Swain Hall* (University Commons) not counting, of course, the cost of transportation, books, and materials, are for the *six weeks* as follows:

Table Board (six weeks	$18.75
Room Rent (six weeks)	5.00
Registration Fees	8.00
Total (for teachers)	$31.75
Add Tuition Fee (for others)	5.00
	$36.75

Waiters in Dining Hall

Opportunity will be offered at *Swain Hall* for forty young ladies to secure their table board by waiting on the tables. By taking advantage of this opportunity a young lady may reduce her expenses by $18.75. Those wishing to secure these places should send in their applications to the Director promptly. These places will be assigned about May 15th, but applications may be filed at any time.

Books and Materials

Students of the Summer School will be expected to provide themselves with all books and materials required for their individual use in the courses pursued. The texts to be used in the several courses are announced elsewhere in this bulletin in connection with the description of the several courses offered. Students may procure their books before coming to the Summer School, or they may

get them here at the Y. M. C. A. Book Exchange, or at the Chapel Hill bookstores at the usual market prices. Materials for the courses in Drawing will be furnished by the University, and may be purchased at the Y. M. C. A. Book Exchange as needed.

CONFEDERATE MONUMENT

Those expecting to pursue courses in Primary School Methods or Grammar School Methods or to take advantage of the observation and practice work in the Practice School, in which books adopted for State use will be used, may save considerable expense by bringing with them such of these books as they have at home.

Class-Rooms

The rooms and buildings in which the various classes will meet will be announced on the daily program, a copy of which will be furnished each student on registering.

Chapel Exercises

Chapel exercises will be conducted in Memorial Hall each morning at 9:25 o'clock. At this time there will be a short prayer and song service. The chapel music will be under the direction of Professor Gustav Hagedorn. All general announcements will be made at Chapel, and frequently there will be short addresses on topics of current and general interest.

Schedule

In the Summer School schedule the day is divided into periods as follows:

MORNING HOURS.

First Period	8:30 to 9:25
Chapel Period	9:25 to 9:45
Second Period	9:45 to 10:40
Third Period	10:40 to 11:35
Fourth Period	11:35 to 12:30
Fifth Period	12:30 to 1:30

AFTERNOON HOURS.

First Period	2:30 to 3:30
Second Period	3:30 to 4:30
Third Period	4:30 to 5:30
Fourth Period	5:30 to 6:30

Classes scheduled to meet five times a week hold their meetings from Monday to Friday and do not meet on Saturdays after the opening week. A few of the classes scheduled for three hours a week meet on Saturday throughout the term.

Each Saturday morning (after the opening week) the period from 9:25 to 10:40 will be used for a general meeting in Memorial Hall for special or general lectures.

A daily schedule of recitations showing the hours and places of meeting for the various classes will be given to each student at the time of registration.

Young Women's Christian Association

The Y. W. C. A. work of the Summer School is under the direction of the Student Department of the South Atlantic Field Committee of the Y. W. C. A. with headquarters at Richmond, Va.

The Y. W. C. A. wishes every young woman who attends the Summer School to feel that the Association is here for *her*.

The purpose of the Association is very simple and definite in its plan:

1. To make the social life of the Summer School as democratic, happy, and interesting as possible.
2. To be of individual help to each student—
   (*a*) In helping her to find a congenial boarding place.
   (*b*) Giving information about buildings, people to be interviewed, and questions of personal interest.
   (*c*) Through its headquarters on the campus to be constantly in readiness to be of service to all.

3. To offer opportunities for voluntary study of—
   (*a*) The Bible,
   (*b*) Mission Study,
   (*c*) Sunday School Pedagogy,
   (*d*) Social Service in small towns and rural communities.
4. To have charge of the weekly religious service for the women students of the Summer School.

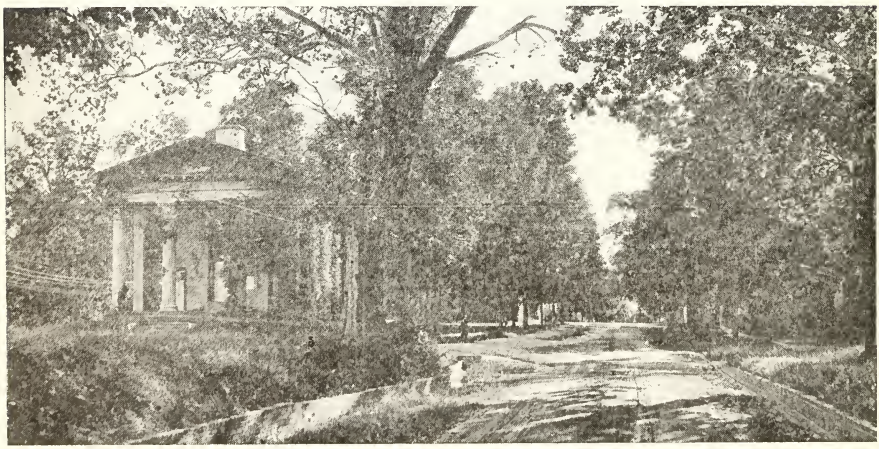
A Local Committee was elected at the 1915 session to study and to plan for the coming session, and is in readiness to lead the work.

Local Committee—Andrew Barnes, Chairman; Beryl Beam, Chairman of Social Committee; Mattie Riggins, Chairman of Voluntary Study Committee; Ethel Brown, Chairman of Finance Committee; Mary S. Miller, Chairman of Religious Meetings Committee.

Field Representative—Willie R. Young, Student Secretary of the South Atlantic Field.

Local General Secretary—Margaret Anderson.

The Association wishes to coöperate with the faculty and matrons of the Summer School, churches, and existing local organizations, in making the session of 1916 the most efficient, inspiring, and helpful session which the University has ever known.



CAMERON AVENUE, LOOKING WEST

DEPARTMENTS OF INSTRUCTION

The letter s, meaning summer, is prefixed to the numbers of courses to distinguish them from the numbers employed in the annual catalogue to designate the courses of the regular college year.

Courses numbered from s 1 to s 10 inclusive count only for entrance or for normal credit, such credit being indicated by the letters E and N respectively.

Courses counting for college or university credit begin their numbering in each department with s 11. The letter C indicates that a course is of college grade and many be counted towards the bachelor's degree; the abbreviation Grad. indicates that a course so marked is of graduate grade and may be counted towards the master's degree.

In some courses, it will be observed, the hours have not been scheduled. In such cases the hours will be arranged, wherever possible, to suit the convenience of the classes.

A daily schedule of recitations showing the hours and places of meeting will be given to each student on registering. Ask for this before you register.

Any changes in courses as announced will be published in bulletin form prior to the opening of the Summer School. Ask for a copy of this before you register.

Agriculture

s 1. ELEMENTARY AGRICULTURE. Credit, 1 hour. N.
MR. HODSON. *Five hours a week:* 11:35.

A course for teachers of intermediate and grammar grades. This course will include the elementary facts in Agriculture, with suggestions for presenting the subject in an attractive manner to the child.

s 2. SECONDARY AGRICULTURE. Credit, 1 hour. N.
MR. HODSON. *Five hours a week:* 12:30.

(For those teaching the high school grades.) In this course several lectures will be given on each of the following subjects:

Soils, Plants, Crops, Animals, and Rural Development. A portion of the time will be devoted to arranging courses of study for agricultural high schools, and to the selection of proper equipment and references.

Botany

s 11. FIELD AND ECONOMIC BOTANY. Credit, 1½ hours. C.
MR. COKER AND MR. TOTTEN. *Ten hours a week:* 9:45.

It will be the object of this course to give an introduction to the trees, commoner flowers and weeds of Chapel Hill and incidentally to furnish a drill in the use of manuals so that the student may be able to determine later the names of plants of his own neighborhood. Attention will be given also to economic and ornamental plants as opportunity offers. The arboretum and Glen Burnie Farm will offer exceptional opportunities for this work. The class will meet out of doors whenever the weather permits. There will be a few hours of laboratory work with the microscope and hand lens. Text-book: Gray's *Manual of Botany* (seventh edition). Two hours daily.

Chemistry

s 11. GENERAL DESCRIPTIVE CHEMISTRY. Credit, 1½ hours. C.
MR. BELL. *Ten hours a week.*

(11:35 daily, and Monday, Wednesday, and Friday afternoons.) A study of the non-metallic elements and their compounds. This course is the equivalent of Chemistry 1 of the 1915-1916 catalogue. Daily lectures. Laboratory work on alternate days, 2 hours. Weekly quiz.
Laboratory fee, $2.50.

s 12. GENERAL DESCRIPTIVE CHEMISTRY. Credit, 1½ hours. C.
MR. WHEELER. *Ten hours a week.*

(8:30 daily, and Monday, Wednesday, and Friday afternoons.) A study of the metallic elements and their compounds and an introduction to the study of Organic Chemistry. This course is the equivalent of Chemistry 2 of the 1915-1916 catalogue. Daily lectures. Laboratory work on alternate days, 2 hours. Weekly quiz.
Laboratory fee, $2.50.

s 13. QUALITATIVE ANALYSIS. Credit, 1½ hours. C.
MR. WHEELER. *Ten hours a week:* 9:45 to 11:35.

Practice is given in the qualitative analysis of known and unknown mixtures. This course is the equivalent of Chemistry 33

of the 1915-1916 catalogue. Daily laboratory work with lectures. Credit for pre-medical, B.S. II and B.S. IV courses.
Laboratory fee, $7.50.

s 14. QUANTITATIVE ANALYSIS. Credit, 1 hour. C.
MR. BELL. *Ten hours a week:* 8:30 to 10:40.

A brief course in gravimetric methods followed by a more extended course in volumetric methods. This course is the equivalent of Chemistry 44 of the 1915-1916 catalogue. Daily laboratory work with lectures. Credit for pre-medical, B.S. II and B.S. IV courses.
Laboratory fee, $5.00

Drawing

s 1. PRIMARY DIVISION. Credit, 1 hour. N.
MISS MICHAELS AND MISS DAGGETT. *Five hours a week.*

For teachers of first, second, and third grades.

s 2. GRAMMAR DIVISION. Credit, 1 hour. N.
MISS MICHAELS AND MISS DAGGETT. *Five hours a week.*

For teachers of fourth, fifth, sixth, and seventh grades.

s 3. ADVANCED DIVISION. Credit, 1 hour. N.
MISS DAGGETT. *Five hours a week.*

For former students who have attained the required degree of proficiency and for supervisors of drawing.

The courses in Drawing are planned with a view to giving teachers instruction that will give the knowledge necessary to the teaching of school arts in rural and city schools. Plans by which the acquired knowledge can be adapted to the needs of different grades, and methods of presenting lessons in each grade will be carefully discussed and taught. The State-adopted course in drawing will be the basis of instruction, though the work will not be confined wholly to this.

Economics

s 11. GENERAL ECONOMICS. Credit, 1 hour. C. or Grad.
MR. CARROLL. *Five hours a week:* 9:45.

A general study of the consumption, production, and distribution of wealth, of values and prices, of money, banking and credit, of competition and monopoly, of taxation, transportation, etc. Seager's *Economics* (Briefer Course) will be the guide. The course will be of the most practical nature, and may be taken by students who do not wish either college or graduate credits.

s 12. LABOR PROBLEMS. Credit, 1 hour. C. or Grad.
MR. CARROLL. *Five hours a week:* 11:35.

A general study of labor as a factor in the making of wealth, of wages and wage problems (as, for instance, woman and child labor), of immigration and poverty, of strikes, boycotts, and trade unions, of profit-sharing and coöperation, of factory legislation and industrial education. Adams & Sumner's *Labor Problems* will be the guide. Special attention will be given to the labor problem in the South. The course may be taken by those who wish neither college nor graduate credits.

NOTE. See also courses in RURAL ECONOMICS AND SOCIOLOGY, p. 65.

Education

s 1. PRIMARY METHODS. Credit, 1 hour. N.
MISS COBB, MISS ROGER, MR. COON. *Five hours a week.*

A practical study of the subjects of the primary grades (1, 2, and 3) from the standpoint of content and of principles and methods. Lectures and discussions based upon assigned readings, upon observation of lessons, and upon plans prepared by students. There will be three divisions of this course, meeting at the following hours:

I. Miss Cobb: 9:45.
II. Miss Roger: 10:40.
III. Mr. Coon: 12:30.

s 2. READING FOR THE PRIMARY GRADES. Credit, 1 hour. N.
MISS ROGER. *Five hours a week:* 8:30.

This course deals particularly with the subject-matter and methods of teaching reading in the first three grades and will be studied with reference to the child's interests, activities, and social needs.

s 3. GRAMMAR SCHOOL METHODS. Credit, 1 hour. N.
MR. GRIFFIN. *Five hours a week.*

Lectures and assigned readings covering the work of the intermediate and grammar grades. Work based upon the State-adopted course of study. Lectures and discussions covering some of the problems of schoolroom management, promotions, the recitation, etc. Observation in the Practice School; reports and discussions. Kendall and Merrick's *How to Teach the Fundamental Subjects* will form the basis of this course. There will be two divisions of this class, meeting at the following hours:

Section I: 8:30.
Section II: 9:45.

s 4. CHILD STUDY IN THE GRAMMAR GRADES.
Credit, 1 hour. N.
MR. PUSEY. *Five hours a week:* 10:40.

The course embraces a discussion of each type of pupil found in the grammar grades, the defining of the problem "what to do with each type found," methods of testing for mental ability, methods of testing for ability to apply things learned, a means of preventing repeating, individual promotion, the value of continuous individual promotion, and the value of continuous individual records.

s 5. PLAYS AND GAMES. Credit, 1 hour. N.
MISS MASSELING. *Five hours a week.*

The course embraces a study of children's representative plays, folk games, gymnastic and ball games, and simple dance forms. It includes the selection of games for school and playground, and the adaptation of schoolroom gymnastics. Classification of games according to age and grade of child. It includes work in both theory and practice.

NOTE. Students are requested to provide themselves with gymnasium suits consisting of bloomers, middy blouse, and tennis or gymnasium shoes.

s 6. STORY TELLING. Credit, 1 hour. N.
MISS MASSELING. *Each section five hours a week.*

Lectures on the art of story-telling, origin and history of story-telling, use of the story in education. Selection and adaptation of story and correlation with regular work of classroom. A study of fairy and folk tales, mythological tales, nature stories, Bible stories, the great national epics with their uses, and the arranging of programs of miscellaneous stories. The educative value of dramatizing the story in the schoolroom. Suggestive lists of stories. Practice in adapting and telling stories. Observation and work in the Practice School under supervision.

Classes will be divided into two sections:

I. Primary section. For teachers of first, second, third, and fourth grades. *Five hours a week:* 11:35.

II. Grammar section. For teachers of fifth, sixth, and seventh grades. *Five hours a week:* 12:30.

NOTE. An informal gathering for the purpose of playing games and telling stories will be held under the Davie Poplar every evening. These meetings are open to all who care to attend.

s 7. PLAYGROUNDS. Credit, ½ hour. N.
MRS. BURGESS. *Five times a week:*

The course comprises brief talks on the need of playgrounds; their relation to the school; play in child-life, and the adult; how to inculcate the play spirit into a community; the equipment and construction of same at small expense; the school as a social center; with practicable work in games, folk dancing, rhythm, hand work (including paper-folding, clay-modelling, basketry, etc.); stories for children of different ages, how to tell them and value of same; dramatization of stories which have a social significance today. (This course will be given during the first three weeks only.)

s 8. GENERAL ADMINISTRATION. Credit, 1 hour. N.
MR. PUSEY. *Five hours a week:* 11:35.

A discussion of the knowledge necessary for the efficient administration of a school system, together with a detailed study and explanation of the ways and means by which such knowledge is made available to school officers. Such problems as the distribution of expenditures; handling supplies; rating of teachers; pupil standing, etc., will be treated. Lectures, statistical studies.

s 9. LESSONS IN TEACHING.

I. THE TEACHING OF ENGLISH. Credit, 1 hour. N.
MR. COON. *Five hours a week:* 8:30.

This course will deal with the teaching of English in the intermediate and grammar grades. Lectures, assigned work, parallel readings, materials, and methods; the assignment of lessons, organization of the facts, and judging their value; the actual teaching of some of the best literature suitable for these grades.

II. THE TEACHING OF HISTORY. Credit, 1 hour. N.
MR. PUSEY. *Five hours a week:* 9:45.

This course will deal with the teaching of history in the intermediate and grammar grades. A brief survey of the facts of colonial history; special attention to the grouping of facts so they may be taught effectively; the geographical influences on the development of the colonies. Lectures, assigned work, parallel readings.

III. THE TEACHING OF ARITHMETIC. Credit, 1 hour. N.
MR. NOBLE. *Five hours a week:* 10:40.

This is a course in methods of teaching arithmetic in the intermediate and grammar grades. An effort will be made to dis-

cover in concrete examples the "four fundamental rules" of arithmetic and also the best method of applying those rules in the problems of everyday affairs. Lectures, assigned work, parallel readings, the preparation of lesson plans, etc.

IV. THE TEACHING OF GEOGRAPHY. Credit, 1 hour. N.
MR. NOBLE. *Five hours a week:* 12:30.

This is a course in the teaching of geography in the intermediate and grammar grades. One purpose of the course will be to show how to observe the influence of geographic laws while teaching local, State, and National geography. Special attention will be given to the collection of material for use in reinforcing the subject-matter of the text-books. Lectures, assigned work, parallel readings, the preparation of lesson plans, etc.

s 11. HIGH SCHOOL ADMINISTRATION. Credit, 1 hour. C.
MR. WILLIAMS. *Five hours a week:* 9:45.

A study of the rise of the high school; its legitimate place in our school system; its size as affecting its organization and management; evaluation of the program of studies; necessary equipment; the teaching force; characteristics of the high-school pupil. Monroe's *Principles of Secondary Education*, lectures, parallel readings.

s 12. HIGH SCHOOL METHODS. Credit, 1 hour. C.
MR. WILLIAMS. *Five hours a week:* 10:40.

A study of the nature of the adolescent child and of the material or subject-matter presented in high school programs of study. The discussions will center around the methods for so presenting the material as to develop most completely the adolescent mind. Lectures, readings, reports.

s 13. CONSTRUCTIVE SCHOOL SUPERVISION.
Credit, 1 hour. C. or Grad.
MR. BROGDEN AND MR. NOBLE. *Five hours a week:* 11:35.

The aims of this course are: (1) to train the student in the recognition of the basic principles of teaching as exemplified in the teaching of various subjects in the course of study, and (2) in the construction from observations made of a scientific method of teaching these subjects; (3) to discover and to formulate standards of work by which we judge the value of our teaching in its effect upon the child. Assigned readings bearing upon this work will be required of members of the class. Practice in the application of principles in a Practice School. Lectures, read-

ings, reports, and round-table conferences. For superintendents, supervisors, principals, and grade teachers.

s 14. EDUCATIONAL PSYCHOLOGY. Credit, 1 hour. C.
MR. MCCALL. *Five hours a week:* 8:30.

Individual differences, the original nature of the child, with constant attention to the practical applications of the facts treated. This course corresponds to the fall term of Education 41-42 of the winter session, and is open to students of sophomore, junior, and senior grade. Discussion, lectures, readings, and reports.

s 15. EDUCATIONAL PSYCHOLOGY. Credit, 1 hour. C.
MR. MCCALL. *Five hours a week:* 9:45.

A study of the learning process, including such topics as association, habit, memory, attention, reasoning, transfer of training, with applications to the work of the teacher. This corresponds to the spring term of Education 41-42, and is open to students of sophomore, junior, and senior grade. Discussions, lectures, readings, and reports.

NOTE. Both of the above courses are of an elementary nature. Either may be taken without the other, or both may be taken together. No credit will be given until both courses have been completed. It is not necessary, however, for credit, that both should be taken during the same summer session.

s 16. ADMINISTRATION. Credit, 2 hours. Grad.
MR. WILLIAMS. *Five hours a week:* 2 summers.

A seminar course devoted to a detailed study of administrative and supervisory problems arising in a school or system of schools. Discussions, reports, thesis. Graduate course, open only to college graduates. Prerequisite, Education s 11 and s 12, or equivalent.

NOTE. One-half of this course will be given in 1916 and the remainder in 1917. No credit will be allowed until both parts have been completed. This course can be taken only after consultation with the committee on advanced standing. The hours will be arranged after conference with the instructor.

s 17. SEMINAR IN EDUCATIONAL PSYCHOLOGY.
Credit, 2 hours. Grad.
MR. MCCALL. *Five hours a week:* 2 summers.

This course corresponds to Education 45-46 of the regular session, and is open only to graduate students. The course will not be credited until both summers' work have been completed. The

course as given in 1916 is open to students who last summer completed Education s 15, and also to students who desire to begin work in the course with a view to its completion next summer. The general topic for the summer of 1916 will be the learning process. Each member of the class will be required to report on some phase of the work. Some previous work in psychology or educational psychology is presupposed, and the course should be elected only after conference with the department. Open to graduate students only.

English

s 1. GRAMMAR AND COMPOSITION. Credit, 1 hour. N.
MR. LONG. *Five hours a week:* 8:30.

A study of the principles of grammar and composition. Text-book assignments, themes, lectures. Method of diagramming suggested by Woolley's *Written English.* Text-book: Robbins and Row's *Grammar and Composition.*

s 2. LITERATURE AND ORAL COMPOSITION IN THE GRADES. Credit, 1 hour. N.
Not offered in 1916. *Five hours a week.*

It is the purpose of this course to indicate materials and methods of teaching literature in the grades, and in developing a taste for good literature. Poetry and prose stories suited to each grade from the first to the eighth will be discussed; and each student will be required to prepare for and present at least one poem and one story. The principles of oral composition will be discussed and practice given in various forms.

NOTE. See Education s 9 I: *The Teaching of English in the Grades.*

s 3. THE STUDY OF LITERATURE. Credit, 1 hour. E. N.
MR. LONG. *Five hours a week.*

A consideration through class discussion and lectures of the meaning and methods of the study of literature. This course will be based on certain of the pieces of literature required for college entrance.

s 4. ENGLISH COMPOSITION. Credit, 1 hour. N.
MR. BERNARD. *Five hours a week.*

Discussion of the principles of composition with practice based on a study of selected passages of prose. A course designed to supplement and review early composition courses in college, and

also to offer to those who have not had thorough training the opportunity to improve their own composition and method.

NOTE. This course will not be offered in 1916 unless applied for in advance by as many as six students.

s 11.* THE TEACHING OF ENGLISH IN THE HIGH SCHOOL.
Credit, 1 hour. C.
MR. GREENLAW. *Five hours a week:* 9:45.

A thorough study of some of the pieces of literature required for college entrance from the point of view of the teacher. The aim of the course is to widen the teacher's knowledge of each of the works studied and to furnish suggestions as to the most effective way of presenting them to high school students. Those taking the course will be expected to collaborate in the instruction by presenting reports of collateral study and reading and of their experience in dealing with the works under consideration. The problems of composition teaching in the high school will receive some attention.

s 12. SHAKESPEARE. Credit, 2 hours. C. or Grad.
MR. HANFORD. *Ten hours a week:* 10:40 to 12:30.

A general consideration in lectures and discussions of Shakespeare's complete works, with a minute study in class of two or three of the greater dramas. Ten or twelve plays will be assigned for reading. A thesis will be required in this course if it is counted toward a Master's degree.

s 13. THE ROMANTIC POETS. Credit, 1 hour. C. or Grad.
MR. HANFORD. *Five hours a week:* 8:30.

A study of the poetry of Wordsworth, Scott, Byron, Shelley, Keats, with a critical consideration of the meaning of the term "romantic" in literature and an account of the beginnings of the romantic movement. Neilson's *Essentials of Poetry* will be one of the text-books used. A thesis will be required in this course if it is counted toward a Master's degree.

s 14. STUDIES IN AMERICAN LITERATURE OF THE NATIONAL PERIOD. Credit, 1 hour. C. or Grad.
Not offered in 1916. *Five hours a week.*

s 15. ENGLISH COMPOSITION. Credit, 1 hour. C.
MR. LONG. *Five hours a week:* 11:35.

A course in writing, with criticism and conferences, open to students prepared to take college English. The course may not

*Courses s 11, s 12, s 13, s 14, and s 15 may be taken for credit in two successive years.

be counted for graduate credit or as any part of English 1-2. It may count for elective credit.

s 19. CONTEMPORARY DRAMA. Credit, 1 hour. C.
MR. ROYSTER. *Five hours a week:* 9:45.

A consideration of the chief tendencies of modern European drama. Extensive reading from the plays of Ibsen, Pinero, Sudermann, Hauptmann, Rostand, Jones, Galsworthy, Shaw, and others. Junior and senior elective.

s 20. CHAUCER. Credit, 1 hour. C. or Grad.
MR. ROYSTER. *Five hours a week:* 12:30.

Reading of selected *Canterbury Tales* and some of the minor poems. The emphasis in this course will be thrown upon Chaucer's narrative skill, and upon the social and intellectual conditions of Chaucer's age. No knowledge of Old or Middle English is required for admission into the course. (Single credit; five hours a week; open to graduates and to senior students.)

s 21. BROWNING AND MEREDITH. Credit, 1 hour. C. or Grad.
MR. GREENLAW. *Five hours a week:* 12:30.

A study of selections from the poetry of Robert Browning and George Meredith, with one of Meredith's novels. This course is designed primarily for seniors and graduates, but other students who possess some acquaintance with nineteenth century literature and thought may be admitted.

French

s 1. ELEMENTARY COURSE. Credit, 1 hour. E. or N.
MR. PARKER. *Five hours a week:* 9:45.

This course is intended for those who have not previously studied French. It begins from the beginning, with a study of the essentials of French grammar, and the writing of simple English into French. The course will be conducted in French as far as possible, and special stress will be put upon the acquisition of a good pronunciation. Text-books: Maloubier and Moore's *First Book in French* (New York, The Macmillan Company); Talbot's *Le Français et sa Patrie* (Boston, B. H. Sanborn & Co.), or Super's *French Reader* (Boston, D. C. Heath & Co.).

NOTE. This course corresponds as nearly as possible to the fall term of French A, as announced in the University catalogue, and when successfully pursued, it will be accepted as part of the college entrance requirement in French.

s 2. ELEMENTARY COURSE. Credit, 1 hour. E. or N.
MR. ———— *Five hours a week:* 8:30.

Continuation of course s 1. The principles of French grammar are studied, and the writing of English into French is continued also. The reading of modern French prose. Text-books: Maloubier and Moore's *First Book in French* (New York, The Macmillan Company); Labiche's *Le Voyage de M. Perrichon* (New York, Henry Holt & Co.); Mérimée's *Colomba* (New York, Henry Holt & Co.).

NOTE. This course corresponds as nearly as possible to the spring term of French A, as announced in the University catalogue, and when successfully pursued it will be accepted as part of the college entrance requirement in French.

s 11. ADVANCED COURSE. Credit, 1 hour. C.
MR. PARKER. *Five hours a week:* 8:30.

This course presupposes one year's successful study of French. It will include a review of the principles of French grammar, with practical composition, and the reading of modern French literature. Pronunciation, also, will receive especial attention. Text-books: Maloubier and Moore's *First Book in French* (New York, The Macmillan Company); Daudet's *Neuf Contes Choisis* (New York, Henry Holt & Co.); and other selected texts.

NOTE. This course corresponds as nearly as possible to the fall term of French 1-2, as announced in the University catalogue, and when successfully pursued it will be accepted as part credit for the fall term of French 1-2.

s 12. ADVANCED COURSE. Credit, 1 hour. C.
MR. PARKER. *Five hours a week:* 10:40.

Continuation of Course s 11. The study of the principles of French grammar, with composition, will be continued, and also the reading of modern French literature. Text-books: Maloubier and Moore's *First Book in French* (New York, The Macmillan Company); Augier's *Le Gendre de M. Poirier* (New York, American Book Company); About's *Le Roi des Montagnes* (New York, Henry Holt & Co.); and other selected texts.

NOTE. This course corresponds as nearly as possible to the spring term of French 1-2, as announced in the University catalogue, and when successfully pursued it will be accepted as part credit for the spring term of French 1-2.

s 13. TEACHERS' COURSE. Credit, 1 hour. C.
MR. DEY. *Five hours a week:* 9:45.

This course will consist of a study of the French vowel and consonant sounds, by means of the phonetic method, and selections

of French prose will be written in phonetic transcription. An attempt will be made, also, by frequent dictation, to train the ear to recognize French sounds. There will be some reading of modern prose, with summaries written in French. Text-books: Matzke's *Primer of French Pronunciation* (New York, Henry Holt & Co.); Cameron's *Contes de Daudet* (New York, Henry Holt & Co.).

s 14. FRENCH LITERATURE. Credit, 1 hour. C.
Not offered in 1916. *Five hours a week.*

A study of French literature in the nineteenth century, with especial attention to the Romantic Movement. The principal authors dealt with are Lamartine, Hugo, Vigny, Musset, Mérimée, Balzac, Maupassant. Lectures, class reading, reports, and much collateral reading.

Geology and Geography

s 1. GENERAL GEOGRAPHY. Credit, 1 hour. N.
Mr. Smith. *Five hours a week:* 9:45.

Home geography and the geography of North Carolina; general principles and their application. Subject-matter in the grades, methods of teaching, supplementary work.

s 2. HIGH SCHOOL GEOGRAPHY. Credit, 1 hour. N.
Mr. Smith. *Five hours a week:* 10:40.

Natural provinces, topographic forms, geographic control; historical, commercial, industrial, agricultural, and economic geography; laboratory equipment, field and laboratory methods of instruction.

Note. The classes in geography will make field excursions and industrial trips to mills and factories. Course s 2 will not be given in 1916 unless applied for in advance by as many as six students.

s 11. ELEMENTARY GEOGRAPHY. Credit, 1 hour. C.
Mr. Smith. *Five hours a week:* 11:35.

Materials of the earth and the agencies affecting them; processes and their results as a key to the interpretation of the earth's history, with special reference to that of North Carolina. The origin, classification, conservation, and uses of the economic minerals, rocks, soils, etc., of the State and their importance to man. Field and laboratory work. Text-book: *The Elements of Geology*, Blackwelder and Barrows.

s 12. ELEMENTARY MINERALOGY. Credit, 1½ hours. C.
Not offered in 1916. *Ten hours a week.*

Origin, conservation, and uses of the common economic minerals and rocks; their properties and identification. Field and laboratory work.

German

s 1. ELEMENTARY COURSE. Credit, 1 hour. E. or N.
MR. TOY. *Five hours a week:* 9:45.

This course is intended for those who have no previous acquaintance with the language and for those who are interested in the new methods of teaching beginners. German will be spoken, as far as practicable, as the medium of instruction. The inflections and the common laws of syntax will be learned practically. The class will make written summaries in German and translate simple German prose. There will be daily exercises in dictation. Text-book: Vos' *Essentials of German*, fourth edition (New York, Henry Holt & Co.).

NOTE. This course corresponds in part to the fall term of German A as scheduled in the University catalogue. When successfully completed it will be accepted as part of the college entrance requirement in German.

s 2. ELEMENTARY COURSE. Credit, 1 hour. E. or N.
MR. BROWN. *Five hours a week:* 11:35.

Practical exercises in grammar and translation of German prose, with dictation. Oral methods will be used as far as possible, in continuation of the Course s 1. Text-books: Vos' *Essentials of German*, fourth edition (New York, Henry Holt & Co.); Holzwarth's *Gruss aus Deutschland* (Boston, D. C. Heath & Co.). This course corresponds in part to the spring term of German A as scheduled in the University catalogue. When successfully completed it will be accepted as part of the college entrance requirement in German.

NOTE. This course will not be given unless applied for in advance by as many as six students.

s 11. ADVANCED COURSE. Credit, 1 hour. C.
MR. BROWN. *Five hours a week:* 8:30.

This course presupposes at least one year's successful study of German. There will be a review of important points of grammar, but attention will be directed chiefly to wide reading. Colloquial exercises and dictation will be a distinct feature of the course. Text-books: Vos' *Essentials of German*, fourth edition (New

York, Henry Holt & Co.); Storm's *Immensee* (Boston, D. C. Heath & Co.); Heyse's *L'Arrabbiata* (Boston, D. C. Heath & Co.). This course corresponds in part to the Fall term of German 1 as scheduled in the University catalogue. When successfully completed it will be accepted for credit as part of the Fall term of German 1.

NOTE. This course will not be given unless applied for in advance by as many as six students.

s 12. ADVANCED COURSE. Credit, 1 hour. C.
MR. BROWN. *Five hours a week:* 10:40.

Continuation of the Course s 11. There will be a review of important points of grammar not included in the previous Course s 11, dictation, and wide reading of German prose. Text-books: Vos' *Essentials of German*, fourth edition (New York, Henry Holt & Co.); Freytag's *Die Journalisten* (Boston, D. C. Heath & Co.); Heyse's *Niels mit der offenen Hand* (Boston, D. C. Heath & Co.).

NOTE. This course corresponds in part to the Spring term of German 1 as scheduled in the general catalogue. When successfully completed it will be accepted for credit as part of the Spring term of German 1.

s 13. GERMAN LITERATURE. Credit, 1 hour. C. or Grad.
MR. TOY. *Five hours a week:* 8:30.

This course is an introduction to the classical literature of Germany in the last quarter of the seventeenth century. A brief outline of the development of German literature is given in lectures. The class will read and interpret Lessing's *Minna von Barnhelm* and Schiller's *Jungfrau von Orleans*. Theses. Practical exercises in composition and dictation.

s 14. GERMAN LITERATURE. Credit, 1 hour. C. or Grad.
MR. BROWN. *Five hours a week:* 11:35.

Continuation of Course s 13. Reading and interpretation of Schiller's *Wilhelm Tell* and Goethe's *Iphigenie auf Tauris*. Theses. Practical exercises in composition and dictation.

NOTE. For students who desire to receive college credit for a full term in the German courses outlined above, the instructors will, upon application, prescribe work in addition to that usually accomplished in the Summer term. This additional work will be done under the immediate supervision of the instructors and will be tested by a separate examination.

Greek

s 1. ELEMENTARY GREEK. Credit, 1 hour. E. or N.
MR. BERNARD. *Five hours a week:* 8:30.

A course for those beginning the study of Greek. The method is inductive, and hence may prove of value also to teachers. Text-books; Moss's *First Greek Reader* and Babbitt's *Greek Grammar.*

s 2. GREEK PROSE. Credit, 1 hour. E. or N.
MR. BERNARD. *Five hours a week:* 12:30.

A course continuing s 1 and corresponding to the Fall term of Greek 1 as given in the University of North Carolina. Selections from Xenophon and other authors will be read.

s 3. HOMER. Credit, 1 hour. E. or N.
MR. BERNARD. *Five hours a week:* 12:30.

Books I-III of Homer's *Iliad.* A course corresponding to the Spring term of Greek 1-2 as given in the University of North Carolina. Text-book: Sterrett's *Homer's Iliad.*

NOTE. Courses s 2 and s 3 are alternatives. Both will not be given, but that one which has the greater number of applicants. Application for these courses should be made in advance.

s 11. GREEK LITERATURE. Credit, 1 hour. C.
MR. BERNARD. *Five hours a week:* 11:35.

Lectures on the origin and developments of the types of Greek literature, with careful studies of selected works of prose and poetry in English translations with assigned reading. No knowledge of the Greek language is required for this course. Text-book: Capps' *From Homer to Theocritus.*

NOTE. The instructor will be glad to guide the study of any who are desirous of Greek other than that above offered, without charge.

History

s 1. THE HISTORY OF ENGLAND. Credit, 1 hour. E. or N.
MR. VERNON. *Five hours a week.*

Lectures and assigned readings. Text-book: Walker's *Essentials in English History.*

s 2. THE HISTORY OF THE UNITED STATES.
Credit, 1 hour. E. or N.
MR. VERNON. *Five hours a week.*

A rapid review of American history, with special reference to the needs of high school teachers. Lectures and assigned read-

ings. This course will begin with the adoption of the Articles of Confederation, and will cover the Critical Period, the adoption of the Constitution, the organization of the government, and the rise and development of political parties. Some training will be given in the use of sources. Text-book: Hart's *Essentials in American History.*

s 11. HISTORY OF GREECE. Credit, 1 hour. C. or Grad.
Not offered in 1916. *Five hours a week.*

A course in Greek history from the beginning through the Macedonian period, dealing with the social, political and economic problems of Greek civilization. Lectures and assigned readings, with constant reference to original sources. Text-book: Bury's *History of Greece* (1 Vol. edition).

s 12. HISTORY OF ROME. Credit, 1 hour. C. or Grad.
MR. WAGSTAFF. *Five hours a week:* 10:40.

A course in Roman history from the beginning through the republican period, dealing with the social, economic, and political problems of Roman civilization. Lectures and assigned readings, with constant use of original sources. Text-book: How and Leigh's *History of Rome.*

s 13. THE FRENCH REVOLUTION. Credit, 1 hour. C.
Not offered in 1916. *Five hours a week.*

This course, after a thorough review of France in the closing years of the old régime, will be devoted to a study of the rise and progress of the revolutionary movement. Lectures, text-book, and reading. Junior and senior elective.

s 14. SECESSION AND CIVIL WAR. Credit, 1 hour. C. or Grad.
Not offered in 1916. *Five hours a week.*

A discussion of the causes of secession and the political and social issues therein involved, followed by a detailed study of the social, political, economic, and constitutional problems of the period from 1861 to 1865. Lectures and reading. Graduate course open also to approved Seniors.

s 15. THE RECONSTRUCTION OF THE UNION.
Credit, 1 hour. C. or Grad.
MR. HAMILTON. *Five hours a week:* 8:30.

A course in the history of the United States from 1865 to 1877, dealing with the problems and process of Reconstruction and with the social, political, and economic conditions of the period. Lectures and reading. Graduate course open also to certain approved Seniors.

s 16. MODERN EUROPE. Credit, 1 hour. C. or Grad.
MR. WAGSTAFF. *Five hours a week:* 12:30.

A general course covering the history of Europe from the Congress of Vienna (1815) to the present time. Text-book: Hazen's *Europe Since 1815.*

s 17. CONTEMPORARY UNITED STATES HISTORY.
Credit, 1 hour. C.
MR. HAMILTON. *Five hours a week:* 9:45.

A course dealing with the history of the United States from 1877 to 1915. Text-book: Beard's *Contemporary History of the United States.*

s 18. MODERN INTERNATIONAL RELATIONS.
Credit, 1 hour. C. or Grad.
MR. HAMILTON. *Five hours a week:* 11:35.

This course will deal with the development of modern diplomacy, its methods and its objects—economic, political, and juristic. Emphasis will be given to the period subsequent to the Congress of Berlin.

Home Economics

s 1. COOKING AND SEWING. Credit, 1 hour. N.
MISS PRYOR AND MISS LACEY. *Ten hours a week:* 8:30.

This course is planned primarily for rural teachers.

(*a*) COOKING.

The work in cooking includes a study of the general food principles and their place in the diet, the relation of the food principles to the digestion, the correlation of cooking with other studies in the rural school curriculum, working out the noonday lunch as a practical time for giving lessons in the rural school.

(*b*) SEWING.

The work in sewing includes the study of the simple stitches and the elementary principles of sewing carried out in the projects worked out for grades five to ten, inclusive; the study of textile fibers, suitable fabrics for different articles of clothing, and the alteration of patterns; study of the social problems in the manufacture of clothing, and the working out of household and wardrobe budgets.

NOTE. There will be two or more sections in these courses. Additional sections will be scheduled sufficient to provide for the number of students registering for these courses. The hours for additional sections will be arranged as nearly as possible to suit the convenience of the students.

s 2. RURAL SUPERVISORS' COURSE. Credit, 1 hour. N.
MISS PRYOR AND MISS LACEY. *Five hours a week.*

This course includes s 1 and in addition two lectures and round-table discussions each week. The purpose of these additional lectures will be to suggest ways and means for the rural supervisors to present and to put into successful operation in their schools Home Economics Course s 1.

s 3. HOUSEKEEPERS' COURSE. Credit, 1 hour. N.
MISS PRYOR and MISS LACEY.

This course is planned for housekeepers, and the work is presented from the point of view of the housekeeper rather than from the point of view of the teacher. The work will include three double periods a week in cooking and three double periods a week in sewing. This course will be so arranged that housekeepers of the town may take either cooking or sewing, or both, as they may see fit.

Latin

s 1. ELEMENTARY COURSE. Credit, 1 hour. N.
MR. HENRY. *Five hours a week:* 8:30.

Pronunciation, inflection, syntax of nouns and verbs; special study of the subjunctive, indirect discourse, relative and conditional sentences. Text-book: Bennett's *Latin Grammar.*

s 2. LATIN COMPOSITION. Credit, 1 hour. N.
MR. HENRY. *Three hours a week:* TTS, 10:40.

Preparation of Latin exercises and discussions of problems of vocabulary, word order, and syntax.

s 3. CICERO. Credit, 1 hour. E.
MR. HENRY. *Three hours a week.*

A course designed primarily for candidates for admission to college. The four orations against Catiline. Any standard text.

s 4. VIRGIL. Credit, 1 hour. E. or N.
MR. WILSON. *Five hours a week:* 12:30.

A course designed primarily for candidates for admission to college; three or more books of the Æneid; translation, syntax, meter. Text-book: Any standard text of the Æneid.

s 11. THE TEACHING OF LATIN IN THE HIGH SCHOOL.
Credit, 1 hour. C.
MR. HOWE. *Five hours a week.*

A course for teachers, based on the authors usually taught in the high school. The topics to be discussed will include: assignment

of lessons, grammar, translation, vocabulary, use of outside material in the interpretation of the text, methods of recitation, etc.; lectures; assigned readings; reports and discussions. Text-books: Any standard editions of Cæsar, Cicero, and Virgil.

s 12. HORACE. Credit, 1 hour. C.
MR. WILSON. *Five hours a week:* 8:30.

Reading of selected odes, with some account of the life and times of the author. Text-book: Any complete edition of the *Odes*.

NOTE. This course will not be given in 1916 unless applied for in advance by as many as six students.

s 13. PLINY. Credit, 1 hour. C. or Grad.
MR. HOWE. *Five hours a week:* 9:45.

Reading of selected letters; a study of the epistle as a literary form. Outside readings will be assigned on the literature of the first century, with special emphasis on the work of Pliny's contemporaries. Text-book: Westcott's *Selections from Pliny's Letters*.

s 14. VIRGIL. Credit, 1 hour. C. or Grad.
Not offered in 1916. *Five hours a week.*

An advanced course in the life and works of Virgil. Outside readings will be assigned on the epic and the pastoral in Latin poetry.

s 15. ROMAN ELEGIAC POETS. Credit, 1 hour. C. or Grad.
Not offered in 1916. *Five hours a week.*

A rapid reading of selected elegies of Catullus, Tibullus, Propertius, and Ovid; a study of the lives of the elegists; the history of Greek and Roman elegy.

s 16. LATIN COMEDY. Credit, 1 hour. C. or Grad.
MR. HENRY. *Five hours a week:* 12:30.

A study of the historical development of the comedy; reading of selected plays of Plautus and Terence.

Library Science

s 11. LIBRARY ORGANIZATION AND METHODS.
Credit, 1 hour. N. or C.
Not offered in 1916. *Five hours a week.*

An elementary course in the organization and management of school, college, and public libraries. (*a*) General lectures on the

place of the library in the school and community; children's reading; book selection and buying; reference work with pupils in the high school and grades; declaiming, essay writing, and debating. (*b*) Technical lectures on the care of books; accession records; classification and book numbers; cataloguing, charging systems, binding and mending books; care of periodicals and pamphlets. (*c*) Practice in the University Library. (*d*) Assigned readings.

s 12. BIBLIOGRAPHY. Credit, 1 hour. C. or Grad.
Not offered in 1916. *Five hours a week.*

An advanced course treating of the use of dictionary and catalogues, indexes, dictionaries, encyclopedias, atlases, gazetteers, almanacs, year books, government doctuments and document indexes, publishers' catalogues, and general bibliography. Extended practice in the finding of material for orations, theses, debates, and special studies will be required, together with practice at the reference desk in the University Library. An extensive bibliography on some subject to be assigned will also be required upon the completion of the course. Lectures, assigned readings, text-books.

Mathematics

s 1. ARITHMETIC. Credit, 1 hour. N.
MR. SHEEP. *Five hours a week.*

Lectures and assigned work, including the fundamental operations, fractions, percentage, interest, ratio, and proportion, mensuration, etc. Text-book: Milne's *Progressive Arithmetic, Book III.*

NOTE. See also Education s 9 III: *The Teaching of Arithmetic.*

s 2. SECONDARY ALGEBRA. Credit, 1 hour. E or N.
MR. STACY. *Five hours a week.*

Lectures and assigned work, including factoring, simultaneous equations, exponents, involution and evolution, quadratic equations, the binomial theorem, etc. Text-book: Milne's *Standard Algebra.*

s 3. HIGH SCHOOL ALGEBRA. Credit, 1 hour. N.
MR. STACY. *Five hours a week.*

A teachers' course. This course presupposes a knowledge of secondary algebra. It deals with those portions of algebra usually covered in a good high school course. Lectures and assigned work. Any standard text may be used.

s 4. PLANE GEOMETRY. Credit, 1 hour. E. or N.
MR. RANKIN. *Five hours a week.*

Lectures and recitations. Text-book: Wentworth and Smith's *Plane Geometry.*

s 5. SOLID GEOMETRY. Credit, 1 hour. E. or N.
MR. SHEEP. *Five hours a week.*

Lectures and recitations. Special attention given to the solution of original exercises. Text-book: Wells's *Essentials of Plane and Solid Geometry.*

s 11 and s 12. ALGEBRA. Credit, 2 hours. C.
MR. RANKIN. *Each five hours a week:* 12:30.

From quadratics through the theory of equations. (Fine's *College Algebra.*) These two courses constitute the Fall term of Mathematics 1, as outlined in the general catalogue. No University credit will be given until both courses are completed.

NOTE. Courses s 11 and s 12 will not be given in 1916 unless applied for in advance by as many as six students.

s 13 and s 14. PLANE AND SPHERICAL TRIGONOMETRY AND LOGARITHMS. Credit, 2 hours. C.
MR. RANKIN. *Each five hours a week:* 11:35.

Rothrock's *Plane and Spherical Trigonometry.* These two courses constitute the equivalent of the Spring term of Mathematics 1, as outlined in the general catalogue. No University credit will be given until both courses are completed.

NOTE. Courses s 13 and s 14 will not be given in 1916 unless applied for in advance by as many as six students.

Music

s 1. PUBLIC SCHOOL MUSIC. Credit, 1 hour. N.
MR. HAGEDORN. *Five hours a week.*

Sight-singing, rhythm, sense-training, observation, school music, and mechanics. This course is intended primarily for the grade teacher in the public schools, and will be extended in any direction to suit the needs of the class.

s 2. PUBLIC SCHOOL MUSIC. Credit, 1 hour. N.
MR. HAGEDORN. *Five hours a week.*

Sight-singing, chromatics, dictation, rhythm, two- and three-part singing, suggestions for chorus conducting, the selection of material, etc.

s 3. PUBLIC SCHOOL MUSIC. Credit, 1 hour. N.
Mr. Hagedorn. *Three hours a week.*

A course intended for those wishing to qualify themselves as supervisors. It is open only to those who have completed Courses 1 and 2 or their equivalent. This course will deal with especial tasks of the supervisor, his relation to the grade teacher, the mechanics of the music lesson, the formation of the choruses, chorus conducting, public performances, and other problems.

s 4. NORMAL COURSE IN PIANO TEACHING. Credit, 1 hour. N.
Mrs. Ferrell. *Five hours a week.*

The Normal Course in Piano Teaching will consist of a series of daily lectures dealing with the following subjects: *class work* and its importance, *organization of classes;* the presentation of the *staff* to beginners, *notation, rhythm, ear-training, hand-training.* The use of stories in teaching musical history and biography. *Key-board harmony*, teaching of scales, major and minor, diminished and augmented triads, dominant seventh and diminished seventh chords, writing melodies, transpositions. Selection of material for the early grades. Technic plays an important part in the training of beginners, and this subject receives especial attention. Muscle exercises, table drills, and early piano technic will be demonstrated during this course of lectures.

The Choral Concert

The Summer School Chorus is one of the features of the Summer School. The chorus gives an annual concert under the direction of Mr. Hagedorn. Those wishing to become members of this chorus should apply to Mr. Hagedorn at the opening of the Summer School. The chorus, with the assistance of special soloists, will give a performance of Sullivan's "*H. M. S. Pinafore*" in concert form, Wednesday, July 12th.

Physics

s 1. ELEMENTARY COURSE. Credit, 1½ hours. E. or N.
Mr. Chrisler. *Ten hours a week:* 8:30.

Mechanics of solids, liquids, and gases; heat. Five recitations and five laboratory periods a week. In this and the following course Black and Davis's *Practical Physics* is used as a text-book. This course is the equivalent of the Fall Term of Physics A as scheduled in the general catalogue.

s 2. ELEMENTARY COURSE. Credit, 1½ hours. E. or N.
MR. DAGGETT AND MR. CHRISLER. *Ten hours a week:* 12:30.

Magnetism and electricity; sound and light. Five recitations and five laboratory periods per week. This course is the equivalent of the Spring Term of Physics A as scheduled in the general catalogue.

NOTE. These two courses may be taken together, and when completed satisfactorily will count as University entrance requirement in Physics. A fee of $1.00 will be charged in each course if laboratory work is taken.

s 11. ADVANCED COURSE. Credit, 1½ hours. C.
MR. DAGGETT and MR. CHRISLER. *Ten hours a week:* 9:45.

Mechanics of solids, liquids and gases; heat. Five lectures and five laboratory periods a week. This course is the equivalent of the Fall Term of Physics I as scheduled in the general catalogue. Text-book to be announced.

s 12. ADVANCED COURSE. Credit, 1½ hours. C.
MR. DAGGETT AND MR. CHRISLER. *Ten hours a week:* 10:40.

Sound; light; electricity and magnetism. A continuation of Course s 11. Five lectures and five laboratory periods a week. This course is the equivalent of the Spring Term of Physics I as scheduled in the general catalogue.

NOTE. A fee of $1.50 will be charged in each course if laboratory work is taken.

Physiology and Hygiene

s 1. ELEMENTARY PHYSIOLOGY AND HYGIENE.
Credit, 1 hour. N.
DR. MANGUM. *Five hours a week.*

A text-book course for those who expect to teach physiology. Daily recitations, supplemented by lectures amplifying the material in the text and emphasizing the best method of presenting the subject in its simplest form. Text-book: Ritchie-Caldwell, *Elementary Physiology and Hygiene.*

s 2. PHYSIOLOGY AND PUBLIC HEALTH. Credit, 1 hour. N.
DR. MANGUM. *Five hours a week.*

For those who have completed courses in Elementary Physiology. Lectures on human physiology, and laboratory study of microscopic anatomy and embryology. Discussion of the problems of public health and the relation of the schools to the work of the public health officer.

Rural Economics and Sociology

s 11. RURAL ECONOMICS AND SOCIOLOGY.
Credit, 1 hour. C. or Grad.
Mr. Branson. *Five hours a week:* 10:40.

A series of studies in country-life problems and social agencies in North Carolina. These are direct studies, county by county: I. Country wealth, upon which rural progress depends for support: (1) accumulated wealth, total and per capita; (2) wealth production, in crops, live stock, and animal products; (3) the yearly economic surplus. II. Farm wealth retention: (1) typical farm systems, (2) farm tenancy, (3) our landless multitudes, (4) rural illiteracy, and (5) the needed country school. III. Rural wealth and sanitation: (1) the whole-time health officer, (2) medical inspection of school and school children. IV. Improved public highways and the country school. V. The rural church and Sunday School, their status and needs. VI. The country home, its advantages and necessities.

s 12. LABORATORY COURSE IN HOME COUNTY STUDIES.
Credit, 1 hour. C. or Grad.
Mr. Branson. *Five hours a week:* 4:30.

Following the course outlined in Bulletin No. 9 of the University Extension series, concentrating especially upon the particular, local country-life problem or agency chosen by the student for special investigation.

Spanish

s 1. ELEMENTARY COURSE. Credit, 1 hour. E. or N.
Mr. Dey. *Five hours a week:* 10:40.

This course is intended for those who have not previously studied Spanish. It consists of the study of Spanish grammar, the writing of simple English into Spanish, with frequent oral drills and dictation. Special attention given to pronunciation. Text-books: DeVitis, *A Spanish Grammar for Beginners* (Boston, Allyn & Bacon); Bransby, *A Spanish Reader* (Boston, D. C. Heath & Co.).

s 2. ADVANCED COURSE. Credit, 1 hour. E. or N.
Mr. Dey. *Five hours a week.*

Reading of representative writers of the nineteenth century; review of grammar; composition based on selected texts, and practice in business correspondence. Umphrey, *Spanish Prose Composition* (American Book Company), and other texts.

Note. Course s 2 will not be given in 1916 unless applied for in advance by as many as six students.

Writing

s 1. FREE-ARM MOVEMENT. Credit, 1 hour. N.
MISS JONES. *Five hours a week.*

Section I: 8:30.
Section II: 9:45.
Section III: 11:35.

Practical instruction in free-arm movement writing; drills, lectures, type lessons for primary, intermediate, and grammar grades.

The course offered is planned to make better teachers of writing; hence, there will be two definite aims in view: (1) to improve the handwriting of those taking the course, and (2) to study the best methods to be used in teaching children to write. The course should be helpful to teachers, no matter what system they teach, as the instruction will be along broad lines, and principles rather than systems will be emphasized. At least thirty minutes practice each day outside of class will be required. Students who register for this course are urged to come for the entire six weeks.

SPECIAL LECTURES, CONFERENCES AND ENTERTAINMENTS

There will be several series of special lectures and conferences extending through the entire summer session, in which many questions of a social, economic, cultural, and educational nature will be presented by prominent workers and thinkers. The number of lectures to be presented by the several lecturers will vary from two or three to ten or twelve. These lectures and conferences will be scheduled so as not to interfere with the regular class work, and they will be open to all students of the Summer School. A partial list of the lecturers with their subjects is presented herewith.

INTERNATIONAL POLITY AND CONCILIATION

Dr. J. G. deR. Hamilton, Alumni Professor of History in the University, will deliver a series of lectures on International Polity and Conciliation. This series of lectures will be given under the auspices of the *Carnegie Endowment for International Peace.*

REPRESENTATIVE JEWS OF THE CHRISTIAN ERA

(June 20-25)

Rabbi George Solomon will deliver a series of six lectures on *Representative Jews of the Christian Era.* Rabbi Solomon comes to the Summer School under the auspices of the Jewish Chautauqua Society of America.

READINGS

(June 26, 27, 28)

Mr. Richard T. Wyche, President of the Story Tellers' League of America, author and lecturer, will give three readings and lectures. He will present the following:

1. The Story of King Arthur, the Spiritual King of the Race.
2. The Meaning and Value of Story Telling. (Hiawatha used to illustrate.)
3. The Famous Folk Stories of the World.

ARCHÆOLOGY AND ANCIENT HISTORY

(July 6, 7, 8)

Dr. Edgar J. Banks, explorer, author, and lecturer, will deliver a series of seven illustrated lectures on Archæology and Ancient History.

HIGH SCHOOL CONFERENCE

(July 10-15)

During the week beginning July 10th a Conference on high school problems will be held. The complete program for this conference will be prepared later and published in the daily papers of the State.

NORTH CAROLINA HISTORY

(June 19-30)

Mr. R. D. W. Connor, Secretary of the North Carolina Historical Commission, will deliver a series of ten lectures on the History of North Carolina.

(July 3-14)

Dr. Joseph Hyde Pratt, State Geologist, will deliver a series of ten lectures on the Recent Industrial Development of the State.

SCHOOL SUPERVISION AND MANAGEMENT

Elsewhere in this bulletin attention is called to the daily round-table conferences on school supervision and management. The details of these conferences cannot be announced at this time. Due announcement of these will be made from week to week while the Summer School is in session.

AMERICAN LITERATURE

Dr. Benjamin Sledd, Professor of English in Wake Forest College, will deliver a series of ten lectures on American Literature. Subjects and dates to be announced.

MODERN EDUCATION

(July 13, 14, 15)

Dr. Thomas E. Finegan, Deputy Commissioner of Education of the New York State Department of Education will, on July 13,

14, 15, deliver a series of five lectures on Modern Education. The subjects will be as follows, the first two being evening lectures to be delivered on the evenings of July 13th and 14th.

1. The Function of the Modern School.
2. Education as a Function of the State.
3. The Course of Study in the Rural High School.
4. The School as a Health Agency.
5. Supervision From the Standpoint of the State.

PLAYGROUNDS

(June 15-July 5)

Mrs. Neva S. Burgess, Supervisor of the Charlotte, N. C., Municipal Playgrounds, will deliver a series of lectures on playgrounds and organized play for rural schools. This series of lectures will be accompanied by numerous demonstrations. See Education s 7 for outline of this course.

THE HISTORY OF EDUCATION

(July 22-26)

Dr. Herman Harrell Horne, Professor of the History of Education and of the History of Philosophy in New York University, will deliver a series of eight lectures on the History of Education.

THE MENTALLY DEFICIENT CHILD

A conference on mental deficiency, its cause and prevention, will be held sometime in July. This will be presided over by Dr. C. B. McNairy, Superintendent of the Caswell Training School. Prominent speakers will be secured for this occasion. Date to be announced.

ENTERTAINMENTS

There will be dramatic, musical, and other entertainments during the summer school, which cannot be announced in detail at this time. Attention may, however, be called to the Fourth of July celebration, the choral concert, the presentation of two of Shake-

speare's plays by the Coburn Players, and the musical program to be presented by Miss Dicie Howell and Miss Emilie Rose Knox.

A unique feature of the Summer School is the Fourth of July celebration. In addition to the usual patriotic celebration, there will be given under the direction of Supt. Adoph Vermont an elaborate Pageant based on the colonial history of North Carolina.

The choral concert, another unique and attractive feature, will be given on July 12th, under the direction of Gustav Hagedorn. Professor Hagedorn and his chorus of sixty voices two years ago presented the *Rose Maiden* by Cowan; last year they presented Flowtow's Opera, *Martha;* this year they will present Sullivan's *H. M. S. Pinafore.*

On July 20th the Coburn Players will present two of Shakespeare's plays. For the matinee performance they will give *The Merchant of Venice* and in the evening they will present *Hamlet.*

On June 21st Miss Dicie Howell, a noted soprano of New York City, and Miss Emilie Rose Knox, a talented violinist of Raleigh, will render an attractive musical program.

PUBLIC LECTURES

Each week during the Summer School there will be two or more public lectures given for the entertainment and instruction of all students in attendance. Some of the most prominent men of the State in the field of education and in other callings will visit the Summer School and address the students. A full and accurate list cannot be given at this time. These lectures will be announced from time to time through the *Summer School Weekly.* Among those who are expected to appear may be mentioned Dr. Edward K. Graham, President of the University; Dr. Kemp. P. Battle, Professor H. H. Williams, Professor Collier Cobb, Dr. J. Y. Joyner, President J. I. Foust, Rabbi George Solomon, Dr. W. S. Rankin; Commissioner J. R. Young, President C. B. McNairy, of the Caswell Training School; Dr. Thomas E. Finegan, Deputy Commissioner of Education and Assistant Commissioner for Elementary Education of the New York State Department of Education; Professor E. C. Branson, Professor T. E. Browne, Dr. Herman Harrell Horne, and a representative of the United States Bureau of Education.

WHERE BOARD AND LODGING MAY BE HAD

During the Summer School the University has dormitory accommodations on the campus for about 450 ladies and accommodations at *University Inn* for about 50 men. Room rent in the college dormitories is $5 per person for the term. (See pages 35-36.)

At *Swain Hall* the Summer School can furnish good table board for 500 students at $12.50 per month of 4 weeks (or $18.75 for the term if paid in advance). (See page 34.)

There are many good boarding-houses convenient to the campus at which table board can be secured at reasonable prices. Good rooms may also be secured at reasonable prices in a number of the homes convenient to the campus. A list of the persons to whom applicants may write for board and lodging follows:

Mrs. Joseph Archer can accommodate 60 boarders at $4.50 per week, or $16 per month; and 20 with room (2 occupants to room) and board at $21 per month. One person to the room, $6.50 per week, or $25 per month. Roomers will be expected to furnish towels.

Mrs. Willie Avery has one house, nine rooms, for rent during the summer term at $25 per month.

Mrs. Isabel Bain has 5 nice rooms for rent. Can also take some table boarders. Write for prices.

Mrs. S. M. Barbee can furnish rooms, adjoining the campus, for six gentlemen (2 occupants to room) for $3.50 each per month. Towels not furnished.

Mrs. M. E. Berry can accommodate 8 with rooms (2 occupants to room) at $2.50 per week. Roomers will be expected to furnish bedclothing and towels.

Mrs. E. B. Bryan can accommodate 60 boarders at $4 per week, or $15 per month; and 20 with room and board at $20 per month. Roomers will be expected to furnish towels.

Mrs. T. W. Cutchin, Cutchin House, can furnish rooms (2 occupants to room) and board for 12. Terms: $18 for six weeks, or per week $4. Five-dollar reservation fee with application, balance on arrival.

Mrs. M. W. Daniel can accommodate 50 boarders at $4.50 per week, or $16 per month. Can also furnish 11 rooms. Room and board for one will be $25; 2 persons to the room, $21 each. By the week, $6.50. Roomers will be expected to furnish towels.

Mrs. Lena Harris has for rent 4 rooms (will accommodate 2 or 3 persons to the room) at $10 per month for each room. Hot and cold water. Everything furnished except sheets and towels.

MRS. A. H. KOONCE has one first-floor room for rent at $10 per month.

MRS. C. B. LEDBETTER can furnish board for 20 at $4 per week each.

MRS. W. S. LONG can accommodate 25 boarders at $15 per month; and 8 with room (2 occupants to room) and board at $18 per month. Roomers will be expected to furnish bed-clothing and towels.

MISS MARY MANNING has three or four rooms to rent to ladies at $8 and $10 per month.

MRS. R. S. MACRAE can accommodate 10 or 12 roomers—single or double rooms. Roomers will be expected to furnish sheets, cases, towels, and spreads.

MRS. CORNELIUS MILLER can accommodate 35 to 40 boarders at $15 per month; and 8 roomers at $8 per room—$4 for each occupant—per month. Roomers will be expected to furnish bed-clothing and towels.

MRS. FRED. G. PATTERSON has 4 nice, large rooms for rent. These are new, and newly furnished. Convenient to campus.

MISS NAN S. STRUDWICK has 2 or 3 nice rooms to rent at $8 or $10 per month. Roomers will be expected to furnish linen and towels.

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THE UNIVERSITY OF NORTH CAROLINA RECORD

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